



No. 28  
10 JULY 2004



UNITED STATES OF AMERICA

# NOTICE TO MARINERS



Published Weekly by the  
National Geospatial-Intelligence Agency

Prepared Jointly with the  
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at  
<http://pollux.nss.nga.mil/>



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## IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-3370	287-3370	301-227-4211
World Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use [NavNotices@nga.mil](mailto:NavNotices@nga.mil), for information affecting Sailing Directions and all other navigational publications use [SDPUBS@nga.mil](mailto:SDPUBS@nga.mil), for information concerning the Maritime Safety Information Website, use [webmaster\\_nss@nga.mil](mailto:webmaster_nss@nga.mil).

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

**Cover Photo:** LCVP-Officially designated as a landing Craft, Vehicles and Personnel, this small craft was more commonly known by the name of its inventor, New Orleans businessman Andrew Jackson Higgins. A modification of Higgins' Eureka workboat, the LCVP was highly maneuverable and ideal for landing troops and supplies on beaches. Higgins Industries, along with other companies licensed to reproduce the design, built over 20,000 LCVPs during the course of the war. This landing craft was important not only to the landings Normandy on D-Day, but also to Pacific Theatre operations on Guadalcanal, Tarawa, Iwo Jima and Okinawa. The LCVP could land a platoon of 36 men with their equipment, extract itself quickly, turn around without broaching in the surf, and go back out to get more troops and/or supplies. The Higgins boats landed more Allied troops during WWII than all other types of landing craft combined. As our nation marks the 40th anniversary of D-Day, we salute Andrew Jackson Higgins' influence on amphibious warfare and his contribution toward the Allied victory in World War II cannot be overstressed.

INFORMATION  
OF  
SPECIAL INTEREST  
OR  
IMPORTANCE  
TO  
MARINERS

NM 28/04

# HYDROGRAM

**National Geospatial-Intelligence Agency  
Bethesda, MD 20816-5003**

SPECIAL  
ANNOUNCEMENTS  
\_\_\_\_\_  
NEW PRODUCTS  
OR SERVICES  
\_\_\_\_\_  
IMPORTANT  
CHANGES

**10 July 2004**

## **NEW EDITION OF SAILING DIRECTIONS**

PUB. 194, SAILING DIRECTIONS (ENROUTE) BALTIC SEA (SOUTHERN PART), TENTH EDITION, 2004, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NGA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

## **NEW EDITION OF SUMMARY OF CORRECTIONS**

SUMMARY OF CORRECTIONS FOR THE EASTERN PACIFIC, ANTARCTICA, INDIAN OCEAN AND AUSTRALASIA (SUBREGIONS 16 THRU 19, 21, 22 AND 29, REGIONS 6 AND 7), VOLUME 3, 2004 EDITION, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NGA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

## **NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY**

NOAA RECOGNIZES TWO NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

## EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

**Section I-1** contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
  - T indicates that it is temporary in nature.
  - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2\*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

**Section II-1** is a weekly listing of corrections to the NGA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

**Section II-2\*** contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

**Section II-3\*** lists weekly updates to the USCG Light Lists.

**Section II-4\*** lists weekly updates to the NGA List of Lights.

**Section II-5** lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

**Section III-1** lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

**Section III-2** contains miscellaneous information of particular interest to the maritime community.

\*The left-hand pages of these sections are intentionally blank.

**SECTION I  
CHART CORRECTIONS**

**NM 28/04**

<b>105</b> (INT 209) 4Ed. 9/14/96 LAST NM 32/01 Add Racon [S3.1] at light (BA CH 3287)	28/04 4°24'N 70°08'E	<b>12231</b> 26Ed. 12/29/01 LAST NM 30/03 Delete BELL from buoy "5" (18/04 CG5)	28/04 38°02'59"N 75°59'38"W
<b>★11353</b> 3Ed. 11/03 LAST NM 26/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	28/04	<b>★12235</b> 30Ed. 3/04 LAST NM 22/04 Relocate Buoy "2" from 37°37'15.0"N 76°30'37.0"W to 37°37'03.2"N 76°30'39.2"W and change designation to "2W" (17/04 CG5)	28/04
<b>★11363</b> 39Ed. 9/03 LAST NM 26/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	28/04	<b>12237</b> 27Ed. 9/03 LAST NM 48/03 <b>(Side A)</b> Relocate Buoy "2" from 37°37'15.0"N 76°30'38.0"W to 37°37'03.2"N 76°30'39.2"W and change designation to "2W" (17/04 CG5)	28/04
<b>11364</b> 39Ed. 11/02 LAST NM 26/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	28/04	<b>★12238</b> 38Ed. 11/03 LAST NM 19/04 Relocate Light "1" from 37°21'18.0"N 76°21'08.2"W to 37°21'18.5"N 76°21'10.8"W and change visibility (range) to 5M Change Visibility (range) of light "4" to 4M (18/04 CG5)	28/04 37°17'42"N 76°17'11"W
<b>11367</b> 32Ed. 8/03 LAST NM 25/04 <b>(Side B)</b> Change Note to "NOTE MISSISSIPPI RIVER GULF OUTLET The controlling depths from the intersection with the G.I.W.W. to the Inner Harbor Navigation Canal are as follows: Left Quarter.....26 ft x 125 ft Middle Half.....28 ft x 250 ft Right Quarter.....29 ft x 125 ft Aug. 2003-Apr. 2004" 29°58'14"N 89°59'07"W (See 51/03-11367) (NOS)	28/04	<b>★12252</b> 24Ed. 4/04 LAST NM 25/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	28/04
<b>★11368</b> 22Ed. 7/02 LAST NM 14/04 <b>(Inset 1)</b> Change Note to "NOTE MISSISSIPPI RIVER GULF OUTLET The controlling depths from the intersection with the G.I.W.W. to the Inner Harbor Navigation Canal are as follows: Left Quarter.....26 ft x 125 ft Middle Half.....28 ft x 250 ft Right Quarter.....29 ft x 125 ft Aug. 2003-Apr. 2004" 29°59'35"N 90°00'25"W (See 51/03-11368) (NOS)	28/04	<b>★12253</b> 43Ed. 6/03 LAST NM 27/04 Relocate Light "20" from 36°46'36.5"N 76°18'07.4"W to 36°46'35.3"N 76°18'06.2"W Beacon "6" from 36°47'32.0"N 76°18'07.0"W to 36°47'32.5"N 76°18'07.4"W and delete legend "(PA)" Light "9" from 36°47'18.4"N 76°18'07.2"W to 36°47'17.1"N 76°18'07.0"W and delete legend "(PA)" (18/04 CG5)	28/04
<b>11369</b> 44Ed. 12/02 LAST NM 13/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	28/04	<b>12280</b> 4Ed. 10/03 LAST NM 9/04 Change Visibility (range) of light "4" to 4M (18/04 CG5)	28/04 37°17.7'N 76°17.2'W
<b>★11550</b> 29Ed. 5/04 NEW EDITION (NOS)	28/04	<b>★12286</b> 29Ed. 11/02 LAST NM 52/03 Relocate Beacon from 38°16'45.9"N 76°55'25.0"W to 38°16'46.2"N 76°55'29.0"W and delete legend "(PA)" (17/04 CG5)	28/04
<b>12221</b> 75Ed. 9/03 LAST NM 19/04 Relocate Light "1" from 37°21'18"N 76°21'08"W to 37°21'19"N 76°21'11"W and change visibility (range) to 5M Change Visibility (range) of light "4" to 4M 37°17'42"N 76°17'11"W (18/04 CG5)	28/04	<b>12300</b> 43Ed. 3/03 LAST NM 20/04 Delete Buoy "4A" (18/04 CG5)	28/04 39°07.1'N 74°40.5'W
<b>12225</b> 54Ed. 4/03 LAST NM 9/04 Relocate Buoy "2" from 37°37'15"N 76°30'37"W to 37°37'03"N 76°30'39"W and change designation to "2W" (17/04 CG5)	28/04	<b>12301</b> 21Ed. 9/15/01 LAST NM N20/04 Delete Buoy "4A" (18/04 CG5)	N28/04 39°07.1'N 74°40.6'W
<b>★12230</b> 61Ed. 11/03 LAST NM 26/04 Delete BELL from buoy "5" (18/04 CG5)	28/04 38°03'00"N 75°59'37"W	<b>★12304</b> 43Ed. 3/03 LAST NM 26/04 Add Buoy "6" R, Fl R 4s (17/04 CG5)	28/04 39°15'24"N 75°15'23"W
		<b>★12311</b> 42Ed. 8/03 LAST NM 27/04 Change Legend to "31 ft for a width of 200 ft Dec 2003" Add Purple dashed line joining Legend "Security Zone 165.553 (see note A)" 39°27'48"N 75°32'26"W (NOS)	28/04 39°34'10"N 75°33'43"W 39°28'08"N 75°32'32"W 39°28'07"N 75°32'47"W 39°27'28"N 75°32'16"W 39°27'29"N 75°31'57"W 39°27'40"N 75°31'52"W 39°27'48"N 75°32'26"W

## SECTION I

★12314	30Ed. 10/02 LAST NM 22/04 Change Height of range light, rear to 45ft (18/04 CG5)	28/04 40°07'48.0"N 74°49'23.0"W	Change	Note to “THAMES RIVER The controlling depths at MLLW were 24 feet for a width of 200 feet from the north end of the basin east of Smith Cove to 41°26'25"N 72°05'12"W (except for shoaling to 18 feet within 10 feet of the east channel limit); thence 17½ feet for a mid-width of 150 feet to the basin at Norwich and 13 feet in the turning basin.” 41°27'00"N 72°05'45"W
12316	30Ed. 11/03 LAST NM 19/04 <b>(Side B)</b> Delete Buoy “4A” (18/04 CG5)	28/04 39°07'06"N 74°40'38"W		
★12317	32Ed. 5/04 NEW EDITION (NOS)	28/04		
★12318	41Ed. 12/02 LAST NM 22/04 Delete Buoy “4A” (18/04 CG5)	28/04 39°07'06"N 74°40'36"W		
12324	31Ed. 1/04 LAST NM 19/04 <b>(Side A)</b> Delete Buoy “H” (18/04 CG1)	28/04 40°27'53"N 74°03'13"W	Add	Depth 8 feet 41°31'17.7"N 72°04'46.0"W Depth 16 feet 41°26'31.2"N 72°05'11.8"W Depth 15 feet 41°26'35.2"N 72°05'10.6"W
★12327	97Ed. 9/03 LAST NM 27/04 Delete Buoy “2A” Buoy “H” Buoy “A” Buoy “6” Buoy “11A” (See 49/03-12327) (18/04 CG1)	28/04 40°38'53"N 74°09'01"W 40°27'51"N 74°03'13"W 40°40'20"N 74°05'23"W 40°40'31"N 74°03'32"W 40°29'01"N 74°07'32"W	Add	<b>(Page E)</b> Dashed line (dredged area limit) joining 41°17'21"N 72°54'41"W 41°17'24"N 72°54'46"W 41°17'29"N 72°54'45"W 41°17'32"N 72°54'39"W
12333	33Ed. 9/03 LAST NM 24/04 Delete Buoy “2A” Buoy “A” (See 49/03-12333) (18/04 CG1)	28/04 40°38'52.9"N 74°09'01.4"W 40°40'20.2"N 74°05'22.7"W	(NOS)	Legend “34 FT 2004” 41°17'26"N 72°54'42"W
12334	67Ed. 4/04 LAST NM 25/04 Delete Buoy “A” Buoy “6” (18/04 CG1)	28/04 40°40'20.8"N 74°05'22.9"W 40°40'30.0"N 74°03'31.8"W		
★12347	29Ed. 12/9/00 LAST NM 26/04 Relocate Buoy “60” from 41°42'53"N 73°56'39"W to 41°42'53"N 73°56'36"W (See 24/04-12347) (17/04 CG1)	28/04		
★12369	25Ed. 6/02 LAST NM 43/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	28/04		
★12371	23Ed. 5/03 LAST NM 25/04 <b>(Inset)</b> Add Dashed line (dredged area limit) joining 41°17'20.6"N 72°54'41.2"W 41°17'24.3"N 72°54'45.7"W 41°17'29.2"N 72°54'44.8"W 41°17'31.8"N 72°54'39.2"W  (NOS) Legend “34 FT 2004” 41°17'20.6"N 72°54'41.2"W	28/04		
★12372	32Ed. 10/03 LAST NM 25/04 <b>(Page B)</b> Delete Legend “24 ft rep 1992”  Legend “7 ft rep 1986” and indicating arrow 41°28'36"N 72°04'12"W Legend “9 ft rep 1986” and indicating arrow 41°29'22"N 72°04'42"W Legend “9 ft rep 1986” and indicating arrow 41°29'49"N 72°05'05"W	28/04 41°26'34"N 72°05'11"W	(NOS)	
13214	27Ed. 6/02 LAST NM 17/04 Add Green tinted area (recommended route) bound by limit joining 41°14'37.5"N 72°03'43.0"W 41°14'25.4"N 72°02'55.2"W 41°14'25.4"N 72°03'43.0"W	28/04		
12401	7Ed. 5/1/02 LAST NM 22/04 Delete Buoy “H” Buoy “11A” (18/04 CG1)	28/04 40°27'52.9"N 74°03'13.0"W 40°29'01.5"N 74°07'32.7"W		
13215	17Ed. 10/23/99 LAST NM 6/04 Add Green-tint line (recommended route) 1200 yards wide on centerline joining 41°15'27"N 71°51'34"W 41°17'55"N 71°34'40"W 41°17'55"N 71°28'17"W  Legend “(see note E)” 41°15'57"N 71°48'26"W Legend “(see note E)” 41°17'56"N 71°30'12"W	28/04		

(continued on next page)

## SECTION I

NM 28/04

**13215** (Continued)  
Note

**"NOTE E"**

**RECOMMENDED VESSEL ROUTE**  
Recommended vessel routes for deep draft vessels (including tugs and barges) entering and departing Rhode Island Sound, Narragansett Bay and Buzzards Bay. While not mandatory, deep draft commercial vessels (including tugs and barges) are requested to follow the designated routes at the master's discretion. Other vessels, while not excluded from these routes, should exercise caution in and around these areas and monitor VHF channel 16 or 13 for information concerning deep draft vessels (including tugs and barges) transiting these routes. See U.S. Coast Pilot Volume 2, Chapter 5, 6 or 7 as appropriate."

41°21'46"N 71°43'17"W

(NOS)

**13221** 54Ed. 12/03 LAST NM 26/04  
Add Buoy "URI" Y (Priv) 28/04  
BELL to buoy "9"  
(17, 18/04 CG1)

41°44'15"N 71°22'08"W  
41°41'18"N 71°18'54"W

**★13224** 37Ed. 3/04 LAST NM 26/04  
Add Buoy "URI" Y (Priv) 28/04  
BELL to buoy "9"  
(17, 18/04 CG1)

41°44'14.5"N 71°22'07.7"W  
41°41'19.0"N 71°18'53.0"W

**13232** 4Ed. 6/30/01 LAST NM 23/04  
Add Green-tint line (recommended route) 28/04

850 yards wide on centerline between  
41°30'30.0"N 70°50'00.0"W  
41°30'32.0"N 70°49'54.1"WGreen-tint line (recommended route) 850 yards wide reducing to 650 yards on centerline between  
41°30'32.0"N 70°49'54.1"W  
41°33'09.9"N 70°45'33.0"W

Legend "(see note C)" 41°31'33.1"N 70°48'18.7"W

Note

**"NOTE C"**

**RECOMMENDED VESSEL ROUTE**  
Recommended vessel routes for deep draft vessels (including tugs and barges) entering and departing Rhode Island Sound, Narragansett Bay and Buzzards Bay. While not mandatory, deep draft commercial vessels (including tugs and barges) are requested to follow the designated routes at the master's discretion. Other vessels, while not excluded from these routes, should exercise caution in and around these areas and monitor VHF channel 16 or 13 for information concerning deep draft vessels (including tugs and barges) transiting these routes. See U.S. Coast Pilot Volume 2, Chapter 5, 6 or 7 as appropriate."

41°39'15.0"N 70°53'26.0"W

(NOS)

**16006** 33Ed. 12/23/00 LAST NM 27/04  
Relocate Light from 57°44.0'N 157°41.7'W to 28/04  
(18/04 CG17)

57°44.5'N 157°42.8'W

**16011** 35Ed. 12/2/00 LAST NM 27/04  
Relocate Light from 57°44.0'N 157°41.7'W to 28/04  
(18/04 CG17)

57°44.5'N 157°42.8'W

**★16338** 4Ed. 2/04 LAST NM 17/04  
Relocate Light from 57°43'30"N 157°41'48"W to 28/04  
(18/04 CG17)

57°44'30"N 157°42'48"W

**★16511** 7Ed. 2/04 LAST NM 17/04  
**(Inset)**  
Add Chartlet, depicting changes in hydrography, 28/04  
from Subsection I-2 52°57'00.0"N 168°52'00.0"W  
(NOS)

**16597** 8Ed. 10/7/89 LAST NM 1/04 28/04  
Substitute Beacon "2" R [Q81] for buoy "2" 57°32'33"N 153°59'04"W

Beacon "3" G [Q81] for buoy "3" 57°32'27"N 153°59'06"W  
(18/04 CG17)

**16598** 9Ed. 7/29/00 LAST NM 1/04 28/04  
Substitute Beacon "2" R [Q81] for buoy "2" 57°32'33"N 153°59'04"W

Beacon "3" G [Q81] for buoy "3" 57°32'27"N 153°59'06"W  
(18/04 CG17)

**★16599** 6Ed. 5/5/90 LAST NM 1/04 28/04  
**(Inset Larson Bay)**

Delete Buoy "2" 57°32'32.8"N 153°59'03.2"W

Substitute Beacon "3" G for buoy "3" 57°32'27.1"N 153°59'05.6"W

Add Beacon "2" R [Q81] 57°32'32.8"N 153°59'03.9"W  
(18/04 CG17)

**★17336** 8Ed. 5/31/97 LAST NM 17/04 28/04  
**(Inset Surprise...Murder Cove)**

Relocate Light from 57°00'36.0"N 134°36'54.0"W to 57°00'36.4"N 134°36'57.7"W  
(18/04 CG17)

**★17382** 15Ed. 3/03 LAST NM 16/04 28/04  
Add Beacon "5" G [Q81] 56°06'29"N 133°04'35"W  
(18/04 CG17)

**18022** 34Ed. 11/03 LAST NM 26/04 28/04  
Delete Buoy (mooring) "CG-2" 33°02.5'N 118°35.0'W  
(11/04 CG11)

**18400** 44Ed. 8/03 LAST NM 27/04 28/04  
Change Period of buoy "S" to 2.5s 48°12.4'N 123°06.6'W  
(20/04 CG13)

**18423** 34Ed. 12/03 LAST NM 27/04 28/04  
**(Page E)**

Change Period of buoy "SD" to 2.5s 47°57'52"N 122°34'47"W  
(20/04 CG13)

**18440** 27Ed. 11/03 LAST NM 22/04 28/04  
Change Visibility (range) of light "1" to 5M 47°11.3'N 122°41.8'W  
Period of buoy "S" to 2.5s 48°12.4'N 123°06.5'W  
Period of buoy "SE" to 2.5s 47°55.4'N 122°29.6'W  
Period of buoy "SD" to 2.5s 47°57.8'N 122°34.8'W  
Period of buoy "SF" to 2.5s 47°45.9'N 122°26.3'W  
(20/04 CG13)

**18441** 43Ed. 7/03 LAST NM 22/04 28/04  
Change Period of buoy "SF" to 2.5s 47°45'55"N 122°26'15"W  
Period of buoy "SE" to 2.5s 47°55'24"N 122°29'32"W  
Period of buoy "SD" to 2.5s 47°57'52"N 122°34'47"W  
(20/04 CG13)

**18445** 30Ed. 11/03 LAST NM 22/04 28/04  
**(Page A)**

Change Period of buoy "SE" to 2.5s 47°55'25"N 122°29'34"W  
Period of buoy "SF" to 2.5s 47°45'54"N 122°26'16"W  
Period of buoy "SD" to 2.5s 47°57'52"N 122°34'46"W

**(Page C)**  
Change Visibility (range) of light "1" to 5M 47°11'21"N 122°41'45"W  
(20/04 CG13)

**(Page D, Inset 8)**  
Change Visibility (range) of light "1" to 5M 47°11'20"N 122°41'45"W  
(20/04 CG13)

**★18446** 16Ed. 8/03 LAST NM 22/04 28/04  
Change Period of buoy "SF" to 2.5s 47°45'54"N 122°26'16"W  
(20/04 CG13)

★18447	27Ed. 4/04	NEW EDITION <b>(Side B)</b>	28/04	Add	Buoy RW, conical, L Fl 14s Racon (-••) (US CH 24028, NTM0012/2004)	8°56.4'N 60°09.0'W
Delete	Buoy (NOS; 36/02 CG13)		47°41'13.4"N 122°13'59.5"W			
★18448	33Ed. 9/03	LAST NM 22/04 Change Visibility (range) of light "1" to 5M (20/04 CG13)	28/04	47°11'19"N 122°41'46"W		
18454	4Ed. 9/22/84	LAST NM N41/01 Change Light to "1" Fl G 4s 18ft 5M (20/04 CG13)	N28/04	47°11'21"N 122°41'40"W		
18465	36Ed. 1/04	LAST NM 27/04 Change Period of buoy "S" to 2.5s (20/04 CG13)	28/04	48°12'21"N 123°06'35"W		
★18471	9Ed. 6/03	LAST NM 8/04 Change Period of buoy "S" to 2.5s (20/04 CG13)	28/04	48°12'21"N 123°06'35"W		
★18473	7Ed. 12/02	LAST NM 22/04 Change Period of buoy "SF" to 2.5s Period of buoy "SE" to 2.5s Period of buoy "SD" to 2.5s (20/04 CG13)	28/04	47°45'54"N 122°26'16"W 47°55'24"N 122°29'34"W 47°57'52"N 122°34'47"W		
★18477	5Ed. 8/25/01	LAST NM 22/04 Change Period of buoy "SD" to 2.5s (20/04 CG13)	28/04	47°57'52"N 122°34'47"W		
18740	40Ed. 8/03	LAST NM 26/04 Delete Buoy (mooring) "CG-2" (11/04 CG11)	28/04	33°02.3'N 118°35.0'W		
18761	2Ed. 5/27/95	LAST NM N16/04 Delete Buoy (mooring) "CG-2" (11/04 CG11)	N28/04	33°02'09.5"N 118°35'02.8"W		
18762	15Ed. 6/6/98	LAST NM 16/04 Delete Buoy (mooring) "CG-2" Note: Dangerous wreck remains (11/04 CG11)	28/04	33°02'11"N 118°34'58"W		
★18763	10Ed. 2/04	LAST NM 23/04 Delete Buoy (mooring) "CG-2" (11/04 CG11)	28/04	33°02'13"N 118°34'59"W		
24028	6Ed. 8/11/01	LAST NM 48/02 Add Buoy RW, conical, L Fl 14s Racon (-••) (NTM0012/2004)	28/04	8°56.4'N 60°09.0'W		
24381	14Ed. 6/10/95	LAST NM 43/98 Substitute Dangerous wreck [K28] (PA) for wreck (PA)	28/04	8°56'57"N 60°08'00"W		
Change	Caution note to "CAUTION The positions and characteristics of the light beacons and buoys in the Rio Orinoco are not to be relied upon. Obstructions may also exist where beacons have been destroyed. Mariners intending to navigate the Rio Orinoco must consult the appropriate local authorities for the latest information."		8°32'00"N 60°34'00"W			
Add	Buoy RW, conical, L Fl 14s Racon (-••) (US CH 24028, NTM0012/2004)		8°56'24"N 60°09'01"W			
24390	3Ed. 1/4/86	LAST NM 17/00 <b>(Plan A)</b> Substitute Dangerous wreck [K28] (PA) for wreck (PA)	28/04	8°56.9'N 60°08.0'W		
27061	5Ed. 10/29/94	LAST NM 37/01 Add Legend "CAUTION NO 3"	28/04	Caution No. 3 to CAUTIONS note "3. Mariners are warned that uncharted causeways and breakwaters exist in the waters between Caibarien (22°31'N 079°27'W) and Cayos Cobos (22°38'N 079°08'W)." (19(2076)04 Taunton)	22°35.0'N 79°20.0'W	
★35001	Ed. 11/98	NEW CHART Add Depth 35 meters Wk [K30] Depth 18 meters Wk [K30] (NGA; 15(1693), 18(1935)04 Taunton)	N28/04	58°48.3'N 4°21.3'W 59°01.7'N 2°42.3'W		
★35009	19Ed. 12/2/95	CHART CANCELED (NGA)	28/04			
★35010	Ed. 11/01	NEW CHART Delete Depth 50 meters Wk (PA)	N28/04	55°57.0'N 1°57.1'W		
	Add	Depth 64 meters Wk [K26] Depth 63 meters Wk [K26] Depth 62 meters Wk [K26] Depth 56 meters Wk [K26] Depth 57 meters Wk [K26] (NGA; 12(1306)04 Taunton)		55°59.9'N 1°57.0'W 55°58.5'N 1°54.1'W 55°57.1'N 2°04.4'W 55°57.1'N 2°08.6'W 55°56.7'N 2°03.4'W		
★35028	Ed. 5/01	NEW CHART (NGA)	N28/04			
★35035	Ed. 7/02	NEW CHART Delete Depth 35 meters Wk (PA)	N28/04	56°08'24"N 2°28'24"W		
Change	Legend to "FIRING PRACTICE AREA (X5641) (see Note)", centered Legend to "FIRING PRACTICE AREA (X5641) FIRTH OF FORTH (MIDDLE)", centered			56°06'43"N 2°29'00"W 55°57'56"N 2°50'56"W		
Add	Depth 46 meters Wk [K26] (NGA; 12(1305, 1306)04 Taunton)			56°08'29"N 2°28'14"W		
★35043	5Ed. 6/1/91	CHART CANCELED (NGA)	28/04			
★35050	Ed. 9/02	NEW CHART Delete Depth 12.3 meters Depth 1.9 meters	N28/04	56°34'12"N 2°30'48"W 56°32'24"N 2°36'18"W		
Substitute	Swept depth 15.5 meters Wk [K27] for 19.2 meters Wk			56°30'15"N 2°36'35"W		
	Depth 3.7 meters for 5.4 meters			56°18'16"N 2°37'13"W		
Change	Legend to "FIRING PRACTICE AREA (X5641) (see Note)", centered			56°13'42"N 2°15'00"W		
Add	Swept depth 17.5 meters Wk [K27] Swept depth 14.6 meters Wk [K27] Depth 53 meters Wk [K26] Depth 10.3 meters Depth 18.9 meters Depth 0.2 meter Depth 8.9 meters (NGA; 12(1304-1306), 15(1673)04 Taunton)			56°26'35"N 2°37'08"W 56°26'45"N 2°36'58"W 56°09'00"N 2°10'49"W 56°34'11"N 2°30'52"W 56°33'06"N 2°31'05"W 56°32'25"N 2°36'26"W 56°31'50"N 2°35'29"W		
★35060	14Ed. 6/21/97	CHART CANCELED (NGA)	28/04			
★35081	15Ed. 3/8/97	CHART CANCELED (NGA)	28/04			
★35088	2Ed. 6/21/97	CHART CANCELED (NGA)	28/04			

## SECTION I

NM 28/04

<b>★35200</b>	7Ed. 6/14/97	CHART CANCELED (NGA)	28/04	<b>43360</b>	21Ed. 1/4/97	LAST NM 26/04 Delete Depth 18 meters Wk Depth 18 meters Wk	28/04 57°45.5'N 11°06.5'E 57°44.0'N 10°56.2'E
<b>★37030</b>	Ed. 12/00	NEW CHART (NGA)	N28/04	Substitute	Depth 28.5 meters Wk [K26] for 26 meters Wk	57°38.2'N 11°01.3'E	
<b>★37133</b>	4Ed. 4/11/98	CHART CANCELED (NGA)	28/04		Depth 32 meters Wk [K26] for 28 meters Wk	57°44.0'N 10°58.4'E	
<b>37445</b>	1Ed. 10/19/91	LAST NM 38/03 Change Characteristic of buoy to Mo(A) 6s	28/04 43°21'10"N 1°56'07"W	Add	Depth 46 meters Wk [K26] Depth 32 meters Wk [K26] Depth 30.5 meters Wk [K26] Depth 50 meters Wk [K26] Depth 42 meters Wk [K26] Depth 35 meters Wk [K26] Depth 44 meters Wk [K26] Depth 36 meters Wk [K26] Depth 30 meters Wk [K26] Depth 53 meters Wk [K26] Depth 51 meters Wk [K26] Depth 63 meters Wk [K26] Depth 74 meters Wk [K26] Depth 37 meters Wk [K26] Depth 72 meters Wk [K26] Depth 43 meters Wk [K26]	57°32.8'N 11°15.8'E 57°44.2'N 10°56.7'E 57°38.9'N 11°00.8'E 57°33.9'N 11°15.3'E 57°32.4'N 11°21.4'E 57°31.0'N 11°13.7'E 57°30.8'N 11°24.0'E 57°28.5'N 11°23.6'E 57°27.1'N 11°25.3'E 57°26.0'N 11°22.9'E 57°25.9'N 11°24.1'E 57°19.6'N 11°28.3'E 57°19.2'N 11°26.9'E 57°17.6'N 11°23.7'E 57°17.2'N 11°26.9'E 57°13.8'N 11°20.4'E	
<b>37446</b>	2Ed. 2/16/91	LAST NM 34/03 Delete Light	28/04 43°19'16.5"N 1°55'20.1"W		(12(98, 99, 104), 13(106), 14(111)04 Kobenhavn)		
		Light	43°19'16.5"N 1°55'23.0"W				
		Change Characteristic of light to Oc R 4s	43°19'27.7"N 1°55'09.4"W				
		(Spn LL)					
<b>43030</b>	24Ed. 4/5/97	LAST NM 28/04 Delete Depth 18 meters Wk	28/04 57°45.5'N 11°06.5'E	<b>44036</b>	5Ed. 8/31/96	LAST NM 16/04 Delete Depth 18 meters Wk Depth 18 meters Wk	28/04 57°45'32"N 11°06'27"E 57°44'00"N 10°56'12"E
		Substitute Depth 32 meters Wks [K26] for 18 meters Wks	57°44.0'N 10°56.2'E				
Add	Wreck [K29] Wreck [K29]	54°36.0'N 15°58.4'E 54°45.6'N 12°54.8'E		Substitute	Depth 46 meters Wk [K26] for wreck Depth 32 meters Wk [K26] for 18 meters Wk 57°43'59"N 10°58'23"E		
	Depth 28.5 meters Wk [K26]	55°42.6'N 10°46.4'E		Add	Depth 30.5 meters Wk [K26] Depth 32 meters Wk [K26] Depth 50 meters Wk [K26] Depth 42 meters Wk [K26] Depth 35 meters Wk [K26] Depth 44 meters Wk [K26] Depth 36 meters Wk [K26] Depth 30 meters Wk [K26] Depth 53 meters Wk [K26] Depth 51 meters Wk [K26] Depth 74 meters Wk [K26] Depth 37 meters Wk [K26] Depth 72 meters Wk [K26] Depth 43 meters Wk [K26]	57°38'55"N 11°00'46"E 57°44'09"N 10°56'38"E 57°33'56"N 11°15'15"E 57°32'27"N 11°21'24"E 57°30'59"N 11°13'41"E 57°30'47"N 11°23'57"E 57°28'27"N 11°23'34"E 57°27'08"N 11°25'21"E 57°26'00"N 11°22'53"E 57°25'57"N 11°24'06"E 57°19'38"N 11°28'16"E 57°19'15"N 11°26'53"E 57°17'37"N 11°23'41"E 57°17'11"N 11°26'56"E 57°13'50"N 11°20'26"E	
	Depth 15.5 meters Wk [K26]	55°42.3'N 10°57.1'E			(12(98, 104), 13(106), 14(111)04 Kobenhavn)		
	Depth 15.1 meters Wk [K26]	55°52.1'N 10°50.3'E					
	Depth 30.5 meters Wk [K26]	57°38.9'N 11°00.8'E					
	Depth 50 meters Wk [K26]	57°33.9'N 11°15.3'E					
	Depth 42 meters Wk [K26]	57°32.4'N 11°21.4'E					
	Depth 35 meters Wk [K26]	57°31.0'N 11°13.7'E					
	Depth 44 meters Wk [K26]	57°30.8'N 11°24.0'E					
	Depth 36 meters Wk [K26]	57°28.5'N 11°23.6'E					
	Depth 30 meters Wk [K26]	57°27.1'N 11°25.3'E					
	Depth 51 meters Wk [K26]	57°25.9'N 11°24.1'E					
	Depth 74 meters Wk [K26]	57°19.2'N 11°26.9'E					
	Depth 37 meters Wk [K26]	57°17.6'N 11°23.7'E					
	Depth 72 meters Wk [K26]	57°17.2'N 11°26.9'E					
	Depth 43 meters Wk [K26]	57°13.8'N 11°20.4'E					
	(4(31-33), 11(92), 12(104), 13(106, 107), 14(111)04 Kobenhavn)						
<b>43248</b>	3Ed. 9/15/84	LAST NM 25/04 Change Visibility (range) of light to 5-3M	28/04 63°04'10"N 7°29'37"E	<b>44040</b>	23Ed. 7/20/96	LAST NM 19/04 Delete Depth 18 meters Wk Depth 18 meters Wk	28/04 57°44.0'N 10°56.2'E 57°45.5'N 11°06.5'E
		Light to Oc WRG 6s 3m 8-6M	63°06'22"N 7°43'33"E				
Add	Danger circle [K40] "Obstn (Marine farm)"	63°05'14"N 7°35'32"E		Substitute	Depth 46 meters Wk [K26] for dangerous wreck	57°32.8'N 11°15.8'E	
					Depth 32 meters Wk [K26] for 28 meters Wk 57°44.0'N 10°58.4'E		
	Light QG (Nor CH 35; BA LL)	63°04'07"N 7°29'50"E			Depth 28.5 meters Wk [K26] for 26 meters Wk 57°38.2'N 11°01.3'E		
<b>43252</b>	1Ed. 10/4/86	LAST NM 25/04 Add Danger circle [K40] "Obstn (Marine farm)"	28/04 63°04'03"N 7°42'18"E	Add	Depth 32 meters Wk [K26] Depth 30.5 meters Wk [K26] Depth 50 meters Wk [K26] Depth 42 meters Wk [K26] Depth 35 meters Wk [K26] Depth 44 meters Wk [K26] Depth 36 meters Wk [K26] Depth 30 meters Wk [K26] Depth 53 meters Wk [K26] Depth 51 meters Wk [K26] Depth 74 meters Wk [K26] Depth 37 meters Wk [K26] Depth 72 meters Wk [K26] Depth 43 meters Wk [K26]	57°44.1'N 10°56.6'E 57°38.9'N 11°00.8'E 57°33.9'N 11°15.3'E 57°32.4'N 11°21.4'E 57°31.0'N 11°13.7'E 57°30.8'N 11°24.0'E 57°28.5'N 11°23.6'E 57°27.1'N 11°25.3'E 57°26.0'N 11°22.9'E 57°25.9'N 11°24.1'E 57°19.6'N 11°28.3'E 57°19.2'N 11°26.9'E 57°17.6'N 11°23.7'E 57°17.2'N 11°26.9'E 57°13.8'N 11°20.4'E	
		Period 6s to light	63°06'21"N 7°43'35"E				
		(Nor CH 35; BA LL)					
<b>43261</b>	5Ed. 4/16/94	LAST NM 27/04 Change Color of buoy to BRB	28/04 63°00'33"N 7°08'54"E	Add	Depth 32 meters Wk [K26] Depth 30.5 meters Wk [K26] Depth 50 meters Wk [K26] Depth 42 meters Wk [K26] Depth 35 meters Wk [K26] Depth 44 meters Wk [K26] Depth 36 meters Wk [K26] Depth 30 meters Wk [K26] Depth 53 meters Wk [K26] Depth 51 meters Wk [K26] Depth 74 meters Wk [K26] Depth 37 meters Wk [K26] Depth 72 meters Wk [K26] Depth 43 meters Wk [K26]	57°42.3'N 10°50.3'E 55°42.6'N 10°46.4'E 55°42.3'N 10°57.1'E 55°52.1'N 10°52.0'E	
		Danger circle [K40] "Obstn (Marine farm)"	63°05'13"N 7°35'26"E				
		Danger circle [K40] "Obstn (Marine farm)"	63°04'02"N 7°42'12"E				
	Light QG	63°04'06"N 7°29'44"E					
	Period 6s to light	63°06'20"N 7°43'27"E					
	Submarine cable [L30.1] joining	62°51'07"N 6°48'58"E 62°51'13"N 6°48'56"E 62°53'09"N 6°49'16"E 62°53'21"N 6°49'27"E					
	(Nor CH 35; BA LL)						

## SECTION I

<b>44041</b>	7Ed. 4/3/93 LAST NM 27/04 Delete Depth 8.3 meters and enclosing depth contour (10-meter)	28/04 57°40'32"N 11°41'33"E	Submarine cable (power) [L31.1] between 59°23'04"N 18°28'53"E 59°22'59"N 18°28'45"E (12(1788, 1796)04 Norrkoping)
	Depth 22.9 meters	57°36'26"N 11°39'56"E	
	Depth 22.9 meters (See 26/04-44041)	57°37'46"N 11°41'27"E	
Substitute	Depth 22.9 meters for 18 meters	57°38'24"N 11°41'53"E	
Add	Depth 22.9 meters	57°40'27"N 11°41'38"E	
	Depth 22.9 meters	57°39'15"N 11°41'33"E	
	Depth 22.9 meters	57°37'41"N 11°41'23"E	
	Depth 22.9 meters	57°36'29"N 11°39'55"E	
	Depth 22.9 meters (7(1725), 19(1911)04 Norrkoping)	57°37'50"N 11°41'29"E	
<b>44042</b>	7Ed. 8/22/92 LAST NM 27/04 Delete Depth 14 meters and enclosing depth contour (20-meter)	28/04 57°40'27.0"N 11°41'37.0"E	
	Depth 8.3 meters, blue tint and enclosing depth contour (10-meter)	57°40'32.0"N 11°41'33.0"E	
	Buoy	57°40'29.6"N 11°41'30.0"E	
	Depth 22.9 meters	57°36'26.4"N 11°39'52.8"E	
	Depth 22.9 meters	57°37'48.0"N 11°41'30.0"E	
	Depth 22.9 meters (See 26/04-44042)	57°37'40.0"N 11°41'24.0"E	
Substitute	Depth 22.9 meters for 18 meters	57°38'24.0"N 11°41'53.4"E	
Add	Depth 22.9 meters	57°40'27.0"N 11°41'37.8"E	
	Depth 22.9 meters	57°39'15.0"N 11°41'33.0"E	
	Depth 22.9 meters	57°36'28.8"N 11°39'54.6"E	
	Depth 22.9 meters	57°37'50.4"N 11°41'28.8"E	
	Depth 22.9 meters (7(1725), 19(1911)04 Norrkoping)	57°37'41.4"N 11°41'23.4"E	
<b>44043</b>	8Ed. 11/30/96 LAST NM 27/04 Delete Depth 8.3 meters, blue tint and enclosing depth contour (10-meter)	28/04 57°40'32"N 11°41'33"E	
	Buoy	57°40'30"N 11°41'30"E	
	Buoy	57°40'24"N 11°41'43"E	
Substitute	Depth 22.9 meters for 17.8 meters	57°38'24"N 11°41'53"E	
Add	Depth 22.9 meters	57°40'27"N 11°41'38"E	
	Depth 22.9 meters (7(1725), 19(1911)04 Norrkoping)	57°39'15"N 11°41'33"E	
<b>44050</b>	21Ed. 10/28/95 LAST NM 12/04 Change Legend to "Lights in Line 208°06'" 55°44'50.0"N 12°36'48.0"E Legend to "Lights in Line 194°06'" 55°42'08.0"N 12°36'28.0"E (Dan CH 134)	28/04	
<b>44161</b>	2Ed. 6/8/96 LAST NM 27/04 <b>(Panel A)</b> Delete Position circle "CHY"	28/04 57°45'49"N 16°39'48"E	
	<b>(Plan Västervik)</b> Delete Position circle "CHY" (17(1851)04 Norrkoping)	57°45'48.6"N 16°39'48.0"E	
<b>44180</b>	6Ed. 7/6/91 LAST NM 25/04 Add Dangerous submerged rock [K13] (12(1790)04 Norrkoping)	28/04 59°35.5"N 19°12.5"E	
<b>44183</b>	6Ed. 4/19/97 LAST NM 15/04 Add Submarine pipeline [L40.1] joining	28/04 59°27'16"N 18°19'52"E 59°26'56"N 18°19'57"E 59°26'41"N 18°20'07"E 59°26'22"N 18°20'11"E 59°26'15"N 18°20'03"E	
	Submarine pipeline [L40.1] joining	59°22'59"N 18°28'55"E 59°23'01"N 18°28'55"E 59°23'01"N 18°28'59"E	
			Submarine cable (power) [L31.1] between 59°23'04"N 18°28'53"E 59°22'59"N 18°28'45"E (12(1788, 1796)04 Norrkoping)
<b>44192</b>	1Ed. 12/18/93 LAST NM 24/04 Add Anchoring prohibited symbol [N20]	28/04 59°19'20"N 17°30'06"E (17(1861)04 Norrkoping)	
<b>44341</b>	7Ed. 10/17/98 LAST NM 26/04 Delete Submarine cables (2) between	28/04 60°13'45"N 25°18'01"E 60°13'36"N 25°18'20"E	
Add	Submarine cable [L30.1] between	60°13'44"N 25°18'01"E 60°13'38"N 25°18'20"E	
	Submarine cable [L30.1] joining	60°14'44"N 25°18'01"E 60°14'41"N 25°17'56"E 60°14'28"N 25°18'02"E 60°14'17"N 25°18'16"E 60°14'07"N 25°18'28"E 60°13'51"N 25°18'36"E 60°13'46"N 25°18'24"E 60°13'41"N 25°18'24"E	
	Submarine cable [L30.1] joining	60°14'39"N 25°17'56"E 60°14'26"N 25°18'14"E 60°14'14"N 25°18'49"E 60°14'14"N 25°18'57"E (9(178)03 Helsinki)	
<b>44410</b>	4Ed. 2/8/97 LAST NM 22/04 Add Buoy R, spar, QR (17(1848)04 Norrkoping)	28/04 57°50.7"N 19°06.1"E	
<b>51150</b>	(INT 1811) 1Ed. 3/24/90 LAST NM 12/04 Add Pilot station symbol [T1.1] (4(134)04 Lisboa)	28/04 37°54.5"N 8°53.2"W	
<b>51160</b>	20Ed. 9/22/90 LAST NM 14/04 Add Wreck [K29] (12(124)04 Cadiz)	28/04 36°36.7"N 6°29.0"W	
<b>51164</b>	18Ed. 2/5/00 LAST NM 27/04 Add Wreck [K29] (12(124)04 Cadiz)	28/04 36°36'43"N 6°28'59"W	
<b>51168</b>	2Ed. 6/25/94 LAST NM 14/04 Add Wreck [K29] (12(124)04 Cadiz)	28/04 36°36'43"N 6°28'59"W	
<b>51181</b>	10Ed. 3/7/98 LAST NM 24/01 <b>(Plan A)</b> Add Buoy Y, pillar, Fl(5) 35s (50(5000)01 Taunton)	28/04 35°12'25.4"N 6°10'11.0"W	
<b>52040</b>	17Ed. 9/27/86 LAST NM 27/04 Change Light to Iso G 6s 12m 10M, Iso R 6s 13m 10M Height of light to 62m Light to Oc(2) 6s 150m 18M (Spn LL)	28/04 35°08.8"N 2°24.9"W 35°17.2"N 3°40.8"W 35°28.3"N 5°06.5"W	
<b>52047</b>	11Ed. 11/13/99 LAST NM 20/04 <b>(Plan A)</b> Change Height of light to 62m (Spn LL)	28/04 35°16'57.0"N 3°40'50.0"W	
<b>53205</b>	3Ed. 6/22/96 LAST NM 26/03 Add Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s [Q130.3] (3, 6/04 Valletta)	28/04 35°55'29.4"N 14°29'55.2"E	
<b>54382</b>	9Ed. 6/1/96 LAST NM 15/04 Add Pilot station symbol [T1.1] (10(1112)04 Taunton)	28/04 38°50'56"N 26°55'58"E	

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<b>55084</b>	7Ed. 6/1/96 LAST NM 11/04 Add Light L Fl G 6s 2M (7/750)04 St. Petersburg)	28/04 46°19'56.6"N 30°39'27.5"E	Purple composite line between 6°23'58"N 3°21'57"E 6°22'08"N 3°21'17"E
<b>55101</b>	4Ed. 8/24/96 LAST NM 17/04 Delete Buoy Buoy Buoy (See 32/03-55101) (7/755)04 St. Petersburg)	28/04 46°55'37"N 31°58'08"E 46°56'05"N 31°59'07"E 46°56'07"N 31°59'04"E	Purple composite line joining 6°23'48"N 3°23'17"E 6°21'41"N 3°22'31"E
<b>55103</b>	2Ed. 4/6/96 LAST NM 15/04 Delete Double solid line and land tint in vicinity (8/946)04 St. Petersburg)	28/04 44°36'30.0"N 33°31'56.0"E	Purple composite-line arc of a circle, radius 1200 meters, centered 6°21'53"N 3°21'53"E 6°22'08"N 3°21'17"E 6°21'17"N 3°21'43"E 6°21'41"N 3°22'31"E
<b>55104</b>	2Ed. 4/20/96 LAST NM 13/04 Add Legend "Occas" to buoy (12/1724)04 St. Petersburg)	28/04 44°52'43"N 33°27'30"E	Legend "Entry Restricted (see Note)" 6°22'54"N 3°22'18"E
<b>55110</b>	2Ed. 8/31/96 LAST NM 25/04 Add Buoy Y, can (11/1221)04 Taunton)	28/04 43°07.0'N 27°57.1'E	Note "NOTE Only those vessels using the SPM at Lagos (6°21'53"N 3°21'53"E) should enter the area indicated on this chart." 6°27'51"N 3°20'06"E (39/3851)01 Taunton)
<b>55120</b>	2Ed. 6/15/96 LAST NM 21/04 Add Buoy Y, can (11/1221)04 Taunton)	28/04 43°07.0'N 27°57.1'E	<b>57140</b> 10Ed. 8/16/97 LAST NM 24/04 Relocate Pilot station symbol from 4°13.1'N 7°01.3'E to 4°13.8'N 7°01.2'E
<b>55129</b>	7Ed. 6/15/96 LAST NM 20/04 Add "AREA NO 753 NAVIGATION PERIODICALLY PROHIBITED" bound by purple composite line joining (7/761)04 St. Petersburg)	28/04 44°32'30"N 37°52'55"E 44°33'54"N 37°54'19"E 44°32'18"N 37°59'43"E 44°30'30"N 37°57'55"E	Change Buoy to RW, barrel, Oc(3) 10s Racon 4°13.2'N 7°00.7'E
<b>55130</b>	2Ed. 2/8/97 LAST NM 17/04 Add Legend "Occas" to buoy (12/1724)04 St. Petersburg)	28/04 44°52.7'N 33°27.5'E	Add Pilot station symbol [T1.2] with legend "LNG" 4°10.9'N 6°59.2'E
<b>55140</b>	2Ed. 9/28/96 LAST NM 20/04 Add Legend "Occas" to buoy (12/1724)04 St. Petersburg)	28/04 44°52.7'N 33°27.5'E	Racon [S3.1] at light 4°24.2'N 7°08.2'E Platform (lighted) [L10] 4°21.3'N 7°29.9'E (9/933)01 Taunton; BA CH 3286, 3287)
<b>56060</b>	9Ed. 4/12/03 LAST NM 18/04 Add "PROHIBITED AREA K" bound by purple composite line joining (5/04 Haifa)	28/04 31°35.4'N 34°29.3'E 31°35.2'N 34°28.3'E 31°45.3'N 34°08.8'E 31°46.6'N 34°09.8'E	<b>57141</b> 14Ed. 9/5/98 LAST NM 43/02 Add Racon [S3.1] at light 4°24'14"N 7°08'05"E <b>(Plan)</b> Add Racon [S3.1] at light 4°24'11.5"N 7°08'06.7"E (BA CH 3287)
<b>56065</b>	3Ed. 5/18/96 LAST NM 26/04 Add "PROHIBITED AREA K" bound by purple composite line joining (5/04 Haifa)	28/04 31°46'24"N 34°10'00"E 31°35'27"N 34°29'17"E 31°35'11"N 34°28'20"E 31°44'00"N 34°10'00"E	<b>57142</b> 6Ed. 7/11/98 LAST NM 43/02 <b>(Plan B)</b> Add Submarine pipeline [L40.1] with legends "PA" and "Gas" between 4°41'00.5"N 7°05'05.5"E 4°41'33.0"N 7°05'29.0"E (9/933)01 Taunton)
<b>56067</b>	3Ed. 8/17/02 LAST NM 26/04 <b>(Panel B)</b> Add Purple composite line between 31°37'00.0"N 34°25'59.0"E 31°36'00.2"N 34°27'30.0"E Legend "PROHIBITED AREA K SEE NOTE" centered 31°36'18.0"N 34°26'30.0"E (5/04 Haifa)	28/04 1°28.9'N 9°10.9'E 4°24.2'N 7°08.2'E	<b>57160</b> 10Ed. 5/11/96 LAST NM 43/02 Add Racon [S3.1] at light 4°24.2'N 7°08.2'E (BA CH 3287)
<b>57006</b>	5Ed. 7/6/96 LAST NM 49/96 Add Danger circle [K40] "Wells" Racon [S3.1] at light (39/4153)02 Taunton; BA CH 3287)	28/04 1°28.9'N 9°10.9'E 4°24.2'N 7°08.2'E	<b>57165</b> 1Ed. 8/25/90 LAST NM 43/02 Add Platform (lighted) [L10] Platform (lighted) [L10] Platform (lighted) [L10] Platform (lighted) [L10] Platform (lighted) [L10] (9/933)01 Taunton)
<b>57101</b>	18Ed. 9/11/93 LAST NM 41/02 Add Platform (lighted) [L10] "SPM"	28/04 6°21'53"N 3°21'53"E	<b>57170</b> 1Ed. 9/16/89 LAST NM 20/04 Add Submerged well [L20] Submerged well [L20] Submerged well [L20] Submerged well [L20] Submerged well [L20] Submerged well [L20] Submerged well [L20] (39/4153)02 Taunton)
			<b>57240</b> 8Ed. 11/9/96 LAST NM 14/01 Delete Pilot station symbol 6°18.1'S 12°07.2'E Substitute Platform (lighted) "North Nemba" [L2] for danger circle "Obstn" 5°22.3'S 11°39.8'E Danger circle "Well" [L21.1] for moored storage tanker 6°20.3'S 12°10.2'E (48/4800, 4801)01 Taunton)

## SECTION I

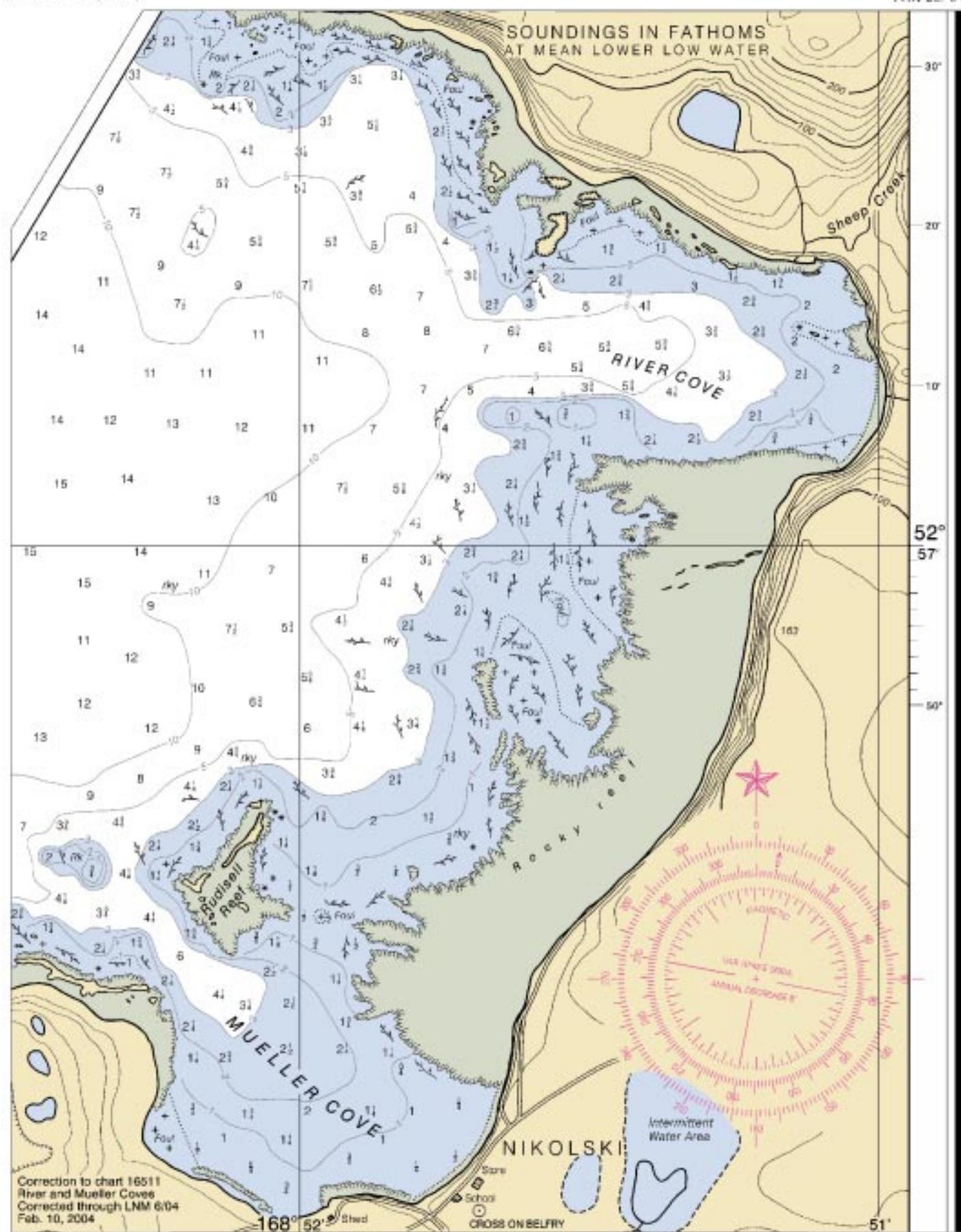
<b>57260</b>	3Ed. 6/1/96 LAST NM 23/03 Delete Anchorage symbol (large vessels) Depth 30 meters	28/04 6°54.4'S 12°21.8'E 6°49.0'S 12°22.2'E	33°45.8'N 130°26.0'E 33°52.0'N 130°19.3'E 33°57.4'N 130°18.2'E 34°12.0'N 130°17.1'E 34°27.2'N 130°20.9'E
Substitute	Danger circle "Well" [L21.1] for moored storage tanker "Soyo-Quinfuquena Terminal"	6°20.3'S 12°10.2'E	(32(1322)99 Tokyo)
Add	Moored storage tanker (lighted) [L17] "Canuku Terminal" wth legend "Oil Field (See Note)"	7°05.7'S 12°28.2'E	
	Moored storage tanker [L17] Mo(U) 15s	6°49.6'S 12°22.0'E	
	Submarine pipeline [L40.1] with legend "Oil" joining	6°51.6'S 12°23.6'E 6°51.6'S 12°23.0'E 6°58.3'S 12°22.5'E	
	(48(4801, 4802)01, 5(464), 27(2822)02 Taunton)		
<b>57486</b>	6Ed. 6/20/98 LAST NM 18/99 <b>(Plan B)</b>	28/04	
Add	Solid line (breakwater) [F4.1] joining	37°03'50.4"S 12°18'48.6"W 37°03'48.0"S 12°18'49.2"W 37°03'47.4"S 12°18'48.0"W	
	(9(935)01 Taunton)		
<b>94028</b>	7Ed. 9/16/95 LAST NM 21/04	28/04	
Add	Submarine cable [L30.1] joining	33°46.3'N 130°28.3'E 33°45.8'N 130°26.0'E 33°52.0'N 130°19.3'E 34°12.0'N 130°17.1'E 35°00.0'N 130°29.0'E 35°13.0'N 130°29.6'E 35°20.0'N 130°34.0'E 35°44.0'N 130°40.0'E	
	(32(1322)99 Tokyo)		
<b>95016</b>	8Ed. 12/16/95 LAST NM 26/04 Delete Depth 166 meters	28/04 37°09.5'N 132°04.0'E	
Substitute	Depth 105 meters for 190 meters	37°07.2'N 132°02.3'E	
(9(892)00 Taunton)			
<b>95160</b>	13Ed. 8/19/95 LAST NM 24/04 Add Submarine cable [L30.1] joining	28/04 33°46.3'N 130°28.3'E 33°45.8'N 130°26.0'E 33°52.0'N 130°19.3'E 34°12.0'N 130°17.1'E 35°00.0'N 130°29.0'E 35°13.0'N 130°29.6'E 35°20.0'N 130°34.0'E 35°44.0'N 130°40.0'E	
	(32(1322)99 Tokyo)		
<b>95320</b>	15Ed. 6/28/97 LAST NM 26/04 Add Submarine cable [L30.1] between	28/04 35°28'12"N 131°57'24"E 34°58'42"N 132°07'42"E	
	(32(1322)99 Tokyo)		
<b>97021</b>	7Ed. 6/30/90 LAST NM 25/04 Add Submarine cable [L30.1] joining	28/04 33°46.3'N 130°28.3'E 33°45.8'N 130°26.0'E 33°52.0'N 130°19.3'E 34°12.0'N 130°17.1'E 35°00.0'N 130°29.0'E 35°13.0'N 130°29.6'E 35°20.0'N 130°34.0'E 35°44.0'N 130°40.0'E 35°59.0'N 131°08.1'E 36°04.9'N 131°41.4'E 35°30.1'N 131°56.7'E 34°58.7'N 132°07.7'E	
	(32(1322)99 Tokyo)		
<b>97182</b>	13Ed. 1/1/94 LAST NM 26/04 Delete Position circle "Tr"	28/04 34°49'51.0"N 136°57'19.0"E	
	(32(1326)99 Tokyo)		
<b>97420</b>	17Ed. 9/20/97 LAST NM 24/04 Add Submarine cable [L30.1] joining	28/04 33°46.3'N 130°28.3'E 33°45.8'N 130°27.2'E	

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Chart 16511 (Inset)

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Chart 11353

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MISSISSIPPI RIVER - GULF OUTLET CHANNEL				
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2004				
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62	35.0	38.0	29.0	600
	26.0	35.0	23.0	500
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE				

Chart 11363

NM 28/04

MISSISSIPPI RIVER - GULF OUTLET CHANNEL				
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2004				
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62 THENCE TO INTERSECTION WITH G. I. W. W. THENCE TO INNER HARBOR NAVIGATION CANAL	35.0	38.0	29.0	600
	26.0	35.0	23.0	500
	26.0	31.0	15.0	500
	28.0	28.0	26.0	500
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE				

Chart 11364

NM 28/04

MISSISSIPPI RIVER - GULF OUTLET CHANNEL				
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2004				
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62 THENCE TO INTERSECTION WITH G. I. W. W. THENCE TO INNER HARBOR NAVIGATION CANAL	35.0	38.0	29.0	600
	26.0	35.0	23.0	500
	26.0	31.0	15.0	500
	28.0	28.0	26.0	500
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE				

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Chart 11369

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MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2004					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62 THENCE TO INTERSECTION WITH G. I. W. W. THENCE TO INNER HARBOR NAVIGATION CANAL	35.0	36.0	29.0	600	7-03;1-04
	26.0	35.0	23.0	500	6,7-03; 4-04
	26.0	31.0	15.0	500	3-04
	28.0	28.0	26.0	500	2,3-04

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS  
SUBSEQUENT TO THE ABOVE

Chart 12252

NM 28/04

JAMES RIVER			
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS SURVEYS TO FEB 2004			
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)			
NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
HOPEWELL TO RICHMOND DEEPWATER TERMINAL 37°27'05.0"N, 77°25'07.4"W CHANNEL ADJOINING TURNING BASIN TURNING BASIN THENCE TO RICHMOND HARBOR TURNING BASIN TURNING BASIN THENCE TO THE LOCKS	24.7  24.9 25.0  16.9 9.6 7.7	200  200 385  200 140-175 200	6-01  2-04 2-04  10-99;2-00 3-03 3-03

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS  
SUBSEQUENT TO THE ABOVE

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Chart 12369

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BRIDGEPORT AND BLACK ROCK HARBORS - CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2004 AND SURVEYS TO FEB 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BRIDGEPORT ENTRANCE CHANNEL	30.0	31.1	29.3	7-97,3-00	400	2.5	35
BRIDGEPORT REACH	25.0	26.5	24.4	1,2,3-00	400-600	0.9	35
PEQUONNOCK RIVER							
LOWER REACH	8.3	16.2	9.7	3-00	69-300	0.5	18
UPPER REACH	6.7	A 8.0	B 8.0	3-00	69-125	0.4	18
JOHNSONS CREEK							
ENTRANCE CHANNEL	10.9	9.2	C 9.4	3-00	200-350	0.7	15
NEWFIELD REACH	9.9	9.0	6.6	7-90,3-00	100	0.2	9
YELLOW MILL CHANNEL							
LOWER REACH	13.1	14.6	13.0	3-00	200-100	0.3	18
MIDDLE REACH	11.4	14.9	12.6	3-00	200-100	0.3	18
UPPER REACH	D 8.4	E 9.3	F 8.1	3-00	150	0.3	18
BLACK ROCK ENTRANCE CHANNEL	9.3	13.2	11.2	2-03	150	1.1	18
BLACK ROCK REACH	8.5	12.7	10.7	2-03	150	0.6	18
CEDAR CREEK CHANNEL	11.0	12.6	11.3	2-03	200-150	0.4	18
WEST BRANCH	14.2	13.7	13.8	2-03	100	0.3	18
EAST BRANCH	G 14.4	H 14.9	I 12.4	2-03	100	0.2	18
A. EXCEPT FOR SHOALING TO 2.0 FEET IN THE LAST 200 FEET OF CHANNEL. B. EXCEPT FOR SHOALING TO 2.0 FEET IN THE LAST 200 FEET OF CHANNEL. C. EXCEPT FOR SHOALING TO 3.7 FEET AT 41°09'56.0"N, 73°10'02.3"W. D. EXCEPT FOR SHOALING TO 0.6 FEET AT THE UPSTREAM END OF THE PROJECT. E. EXCEPT FOR SHOALING TO 2.4 FEET AT THE UPSTREAM END OF THE PROJECT. F. EXCEPT FOR SHOALING TO 1.3 FEET AT THE UPSTREAM END OF THE PROJECT. G. EXCEPT FOR SHOALING TO 5.4 FEET THE LAST 200 FEET OF THE CHANNEL. H. EXCEPT FOR SHOALING TO 5.2 FEET THE LAST 200 FEET OF THE CHANNEL. I. EXCEPT FOR SHOALING TO 2.8 FEET THE LAST 200 FEET OF THE CHANNEL. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							





















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NM 28/04

## NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
	REGION 1							
11XHA11550 (7642014010280)	Ocracoke Inlet and Part of Core Sound	40,000	<u>29</u>	<u>5/04</u>	NOS	1-94	28/04	
12XHA12317 (7642014010369)	Cape May Harbor	10,000	<u>32</u>	<u>5/04</u>	NOS	1-95	28/04	
18XHA18447 (7642014011615)	<u>Lake Washington Ship Canal and Lake Washington</u> Sides A: Lake Washington Ship Canal B: Lake Washington	25,000 10,000	<u>27</u>	<u>4/04</u>	NOS	1-82,83, 98	28/04	
	REGION 3							
<u>35ACO35001</u> (7642015122466)	<u>UKHO 1954, Cape Wrath to Pentland Firth including the Orkney Islands</u> (Change legend 35200 to 35001 on graphic p. 3-5,7,11,13)	200,000		11/98	UKHO	3-4,6,8, 12,30	28/04	
35ACO35009 (7642014012270)	Canceled					3-4,5,30	28/04	
<u>35ACO35010</u> (7642015122472)	<u>UKHO 1192, Saint Abb's Head to the River Tyne</u> (Change legend 35060 to 35010 on graphic p. 3-13 in 55-55N 000-50E)	200,000		11/01	UKHO	3-12,13, 30	28/04	
<u>35XHA35028</u> (7642015122485)	<u>UKHO 1627, Harbours on the East Coast of England</u> Plans A: Sunderland <u>54 52 48N 1 22 56W</u> <u>54 56 12N 1 18 01W</u> B: Warkworth Harbour <u>55 18 18N 1 36 54W</u> <u>55 21 36N 1 30 36W</u> C: Continuation of River Wear <u>54 54 16N 1 24 59W</u> <u>54 55 24N 1 22 52W</u> D: Seaham <u>54 49 20N 1 20 24W</u> <u>54 50 46N 1 18 00W</u> (Change legends (4)35043 to 35028 on graphic p. 3-13 vicinity 54-55N 001-00W)	10,000  15,000   10,000   12,500		5/01	UKHO	3-12,13, 30	28/04	
<u>35BHA35035</u> (7642015122487)	<u>UKHO 734, Firth of Forth Isle of May to Inchkeith</u> (Change legend 35081 to 35035 on graphic p. 3-13 in 56-10N 003-10W)	50,000		7/02	UKHO	3-12,13, 30	28/04	
35XHA35043 (7642014012360)	Canceled					3-12,30	28/04	
<u>35BHA35050</u> (7642015122495)	<u>UKHO 190, Montrose to Fife Ness including the Isle of May</u> (Change legend 35088 to 35050 on graphic p. 3-13 in 56-10N 002-15W)	75,000		9/02	UKHO	3-12,13, 30	28/04	
35ACO35060 (7642014012282)	Canceled					3-12,30	28/04	
35BHA35081 (7642014012335)	Canceled					3-12,30	28/04	
35BHA35088 (7642014009609)	Canceled					3-12,30	28/04	
35ACO35200 (7642014012294)	Canceled					3-4,6,8, 12,30	28/04	
<u>37AHA37030</u> (7642015122640)	<u>UKHO 1834, River Medway, Garrison Point to Folly Point</u> Inset: Otterham Creek (Change legend 37133 to 37030 on graphic p. 3-21 in 51-18N 000-40E)	12,500  12,500		12/00	UKHO	3-19,21, 30	28/04	

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## NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
37AHA37133 (7642014012448)	Canceled  MISCELLANEOUS CHARTS AND PUBLICATIONS  <u>Baltic Sea (Southern Part) (Enroute), 2004</u>					3-19,30	28/04	
CDPUBSD194 (7644014665956)					GPO	10-38	28/04	
CDPUBSUMV3 (7644014673961)	(Volume 3) Eastern Pacific, Antarctica, Indian Ocean and Australasia (Subregions 16 thru 19, 21, 22 and 29, Regions 6 and 7)		2004		GPO	10-39	28/04	

Price Categories effective 1 October 2002

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## NAVIGATION PUBLICATIONS

**SAILING DIRECTIONS CORRECTIONS****PUB 154      8 Ed 2002      LAST NM 20/04**

Page 171—Line 50/R; insert after:

A pipeline that extends out from between Dock D and Dock E has its outfall about 0.4 mile WNW. It was reported (2004) to be marked with privately-maintained buoys.

(BA NM 22/04) 28/04

**PUB 180      3 Ed 2002      LAST NM 21/04**

Page 52—Table; replace with below:

New table titled **Canada—Time Zones** from back of this Subsection.

(Can NM 4E/04, Section 4) 28/04

**PUB 194      10 Ed 2004      NEW EDITION**

(NGA) 28/04

**COAST PILOT CORRECTIONS****COAST PILOT 3      37 Ed 2004      Change No. 5  
LAST NM 25/04**

Page 122—Paragraph 1846, line 3 to Page 123—Paragraph 1849; read:

directions issued to the master's vessel by the Captain of the Port.

**§165.502 Safety and Security Zone; Cove Point Liquefied Natural Gas Terminal, Chesapeake Bay, Maryland.**

(a) *Location.* The following area is a safety and security zone: All waters of the Chesapeake Bay, from surface to bottom, encompassed by lines connecting the following points, beginning at

38°24'27"N., 76°23'42"W., thence to  
 38°24'44"N., 76°23'11"W., thence to  
 38°23'55"N., 76°22'27"W., thence to  
 38°23'37"N., 76°22'58"W., thence to beginning at  
 38°24'27"N., 76°23'42"W.

These coordinates are based upon North American Datum (NAD) 1983. This area is 500 yards in all directions from the Cove Point LNG terminal structure.

(b) *Regulations.* (1) In accordance with the general regulations in §§165.23 and 165.33 of this part, entry into or movement within this zone is prohibited unless authorized by the Coast Guard Captain of the Port, Baltimore, Maryland or his designated representative. Designated representatives include any Coast Guard commissioned, warrant, or petty officer.

(2) Persons desiring to transit the area of the zone may contact the Captain of the Port at telephone number (410) 576-2693 or via VHF Marine Band Radio Channel 16 (156.8 MHz) to seek permission to transit the area. If permission is granted, all persons and vessels must comply with the instructions of the Captain of the Port or his designated representative.

(c) *Enforcement.* The U.S. Coast Guard may be assisted in the patrol and enforcement of the zone by Federal, State, local, and private agencies.

(CL 22/04; FR 12/30/03) 28/04

Page 125—Paragraph 1925; read:  
effect.**§165.552 Security Zone; Oyster Creek Generation Station, Forked River, Ocean County, New Jersey.**

(a) *Location.* The following area is a security zone: Starting at the south branch of the Forked River in the vicinity of the Oyster Creek Generation Station, bounded by a line beginning at

39°49'12.0"N., 074°12'13.0"W.; thence to  
 39°48'39.7"N., 074°12'0"W.; along the shoreline, thence to  
 39°48'40.0"N., 074°12'0.3"W.; thence to  
 39°49'11.8"N., 074°12'10.5"W.; thence back along the shoreline to the beginning point. All coordinates reference Datum: NAD 1983.

(b) *Regulations.* (1) All persons are required to comply with the general regulations governing security zones in §165.33 of this part.

(2) No person or vessel may enter or navigate within this security zone unless authorized to do so by the Coast Guard or designated representative. Any person or vessel authorized to enter the security zones must operate in strict conformance with any directions given by the Coast Guard or designated representative and leave the security zone immediately if the Coast Guard or designated representative so orders.

(3) The Coast Guard or designated representative enforcing this section can be contacted on VHF Marine Band Radio, channels 13 and 16. The Captain of the Port can be contacted at (215) 271-4807.

(4) The Captain of the Port will notify the public of any changes in the status of this security zone by Marine Safety Radio Broadcast on VHF-FM marine band radio, channel 22 (157.1 MHz).

(c) *Definitions.* For the purposes of this section, *Captain of the Port* means the Commanding Officer of the Coast Guard Marine Safety Office/Group Philadelphia, or any Coast Guard commissioned, warrant, or petty officer who has been authorized by the Captain of the Port to act as a designated representative on his behalf.

**§165.553 Security Zone; Salem and Hope Creek Generation Stations, Delaware River, Salem County, New Jersey.**

(a) *Location.* The following area is a security zone: the waters of the Delaware River in the vicinity of the Salem and Hope Creek Generation Stations bounded by a line drawn from a point located at

39°28'08.0"N., 075°32'31.7"W. to  
 39°28'06.5"N., 075°32'47.4"W., thence to  
 39°27'28.4"N., 075°32'15.8"W., thence to  
 39°27'28.8"N., 075°31'56.6"W., thence to

## SECTION II

NM 28/04

### COAST PILOT 3 (Continued)

<p>39°27'39.9"N., 075°31.51.6"W., thence along the shore-line to the point of</p> <p>39°28'08.0"N., 075°32'31.7"W. All coordinates reference Datum: NAD 1983.</p> <p>(b) <i>Regulations.</i> (1) All persons are required to comply with the general regulations governing security zones in §165.33 of this part.</p> <p>(2) No person or vessel may enter or navigate within this security zone unless authorized to do so by the Coast Guard or designated representative. Any person or vessel authorized to enter the security zones must operate in strict conformance with any directions given by the Coast Guard or designated representative and leave the security zone immediately if the Coast Guard or designated representative so orders.</p> <p>(3) The Coast Guard or designated representative enforcing this section can be contacted on VHF Marine Band Radio, channels 13 and 16. The Captain of the Port can be contacted at (215) 271-4807.</p> <p>(4) The Captain of the Port will notify the public of any changes in the status of this security zone by Marine Safety Radio Broadcast on VHF-FM marine band radio, channel 22 (157.1 MHz).</p> <p>(c) <i>Definitions.</i> For the purposes of this section, <i>Captain of the Port</i> means the Commanding Officer of the Coast Guard Marine Safety Office/Group Philadelphia, or any Coast Guard commissioned, warrant, or petty officer who has been authorized by the Captain of the Port to act as a designated representative on his behalf.</p> <p>(FR 02/04/04; CL 136/04)</p>	<p>feet, are about 1 to 1.7 miles east and ... (NOS 12214) 28/04</p> <p>Page 247—Paragraph 47, line 8; read: clearance of 28 feet. (NOS 12214) 28/04</p> <p>Page 261—Paragraph 93, line 3; read: southwestward; depths on the bar are 2 to 6 feet. The bar is ... (NOS 12245) 28/04</p> <p>Page 274—Paragraph 43, lines 4 to 6; read: Menchville. In October 2003, the controlling depth was 7.2 feet (8.0 feet at midchannel) from the channel entrance to the turning basin with 6.3 feet in the basin. (CL 20/04) 28/04</p> <p>Page 371—Paragraph 228, line 9; read: and Port Deposit have minimum clearance of 85 feet. (NOS 12274; CL 933/00) 28/04</p>
<p>Page 184—Paragraph 73, lines 3 to 4; read: whose lights are inshore of the submerged ends. A <b>327</b>* lighted range ... (LL/04; 41/00 CG5)</p>	<p>28/04</p>
<p>Page 195—Paragraph 77, lines 11 to 12; read: miles above the mouth. Overhead power cables, about 0.6 mile above the mouth, have a least clearance of 50 feet. (CL 1856/03)</p>	<p>28/04</p>
<p>Page 205—Paragraph 64, line 6; read: to 4 feet on either side. The channel is seldom used, and ... (NOS 12214)</p>	<p>28/04</p>
<p>Page 205—Paragraph 66, line 4; read: Henlopen and has a depth of 15 feet just inside its outermost ... (NOS 12214)</p>	<p>28/04</p>
<p>Page 205—Paragraph 67, line 2; read: has a least charted depth of 19 feet; a lighted gong buoy ... (NOS 12214)</p>	<p>28/04</p>
<p>Page 207—Paragraph 79, lines 16 to 20; read: Harbor of Refuge Light. A wreck, covered 56 feet, is about 1 mile north of Delaware Traffic Lane Lighted Buoy DC. The usable part of the precautionary area has depths of 31 to over 100 feet. Several wrecks and obstructions, covered 46 to 61</p>	<p>feet, are about 1 to 1.7 miles east and ... (NOS 12214) 28/04</p> <p>Page 247—Paragraph 47, line 8; read: clearance of 28 feet. (NOS 12214) 28/04</p> <p>Page 261—Paragraph 93, line 3; read: southwestward; depths on the bar are 2 to 6 feet. The bar is ... (NOS 12245) 28/04</p> <p>Page 274—Paragraph 43, lines 4 to 6; read: Menchville. In October 2003, the controlling depth was 7.2 feet (8.0 feet at midchannel) from the channel entrance to the turning basin with 6.3 feet in the basin. (CL 20/04) 28/04</p> <p>Page 371—Paragraph 228, line 9; read: and Port Deposit have minimum clearance of 85 feet. (NOS 12274; CL 933/00) 28/04</p>
<p>Page 120—Paragraph 11, lines 1 to 5; read: <b>Cape Spencer Light</b> (58°11'56"N., 136°38'26"W.), 105 feet (32 m) above the water, is shown from a white square tower on a rectangular concrete building on the outermost large rocky islet S of the cape. (LL/04)</p>	<p>28/04</p>
<p>Page 123—Paragraph 53, lines 4 to 5; read: point of the cape, are unmistakable landmarks. <b>Ocean Cape Light</b> (59°32'08"N., 139°51'20"W.), 130 feet (39.6 m) above ... (LL/04)</p>	<p>28/04</p>

**COAST PILOT 9 (Continued)**

<b>COAST PILOT 9</b>	<b>21 Ed 2003</b>	<b>Change No. 27</b>
Page 123—Paragraph 56, lines 10 to 11; read: and bushes. <b>Khantaak Island Light</b> (59°33'36"N., 139°47'03"W.), 28 feet (8.5 m) above the water, is shown from a ... (LL/04)	28/04	
Page 130—Paragraph 157, lines 1 to 2; read: <b>Martin Islands Light</b> (60°09'52"N., 144°36'22"W.), 150 feet (45.7 m) above the water, is shown from a skeleton ... (LL/04)	28/04	
Page 131—Paragraph 172, lines 2 to 4; read: <b>Mummy Island Light</b> (60°27'54"N., 145°59'27"W.), 21 feet (6.4 m) above the water, is shown from a skeleton tower with a red and white diamond-shaped daymark on the islets E of Mummy Island, ... (LL/04)	28/04	
Page 138—Paragraph 277, lines 3 to 4; read: edge. <b>Johnstone Point Light</b> (60°28'58"N., 146°36'51"W.), 57 feet (17.4 m) above the water, is shown from a skeleton tower ... (LL/04)	28/04	
Page 138—Paragraph 286, line 4; read: (60°37'22"N., 146°51'13"W.), 27 feet (8.2 m) above the water, is ... (LL/04)	28/04	
Page 144—Paragraph 354, lines 1 to 2; read: <b>Goose Island Light</b> (60°42'47"N., 146°43'39"W.), 38 feet (11.6 m) above the water, is shown from a skeleton tower ... (LL/04)	28/04	
Page 145—Paragraph 374, lines 3 to 4; read: The reef is marked by <b>Bligh Reef Light</b> (60°50'20"N., 146°53'02"W.), 59 feet (18.0 m) above the water and shown from a ... (LL/04)	28/04	
Page 145—Paragraph 375, lines 4 to 5; read: nearly 0.5 mile. The point is marked by <b>Bushy Island Light</b> (60°53'43"N., 146°49'01"W.), 48 feet (14.6 m) above the water ... (LL/04)	28/04	
Page 146—Paragraph 386, line 4; read: (60°57'02"N., 146°47'06"W.), 38 feet (11.6 m) above the water, is ... (LL/04)	28/04	
Page 154—Paragraph 442, lines 1 to 2; read: <b>Glacier Island Light</b> (60°52'20"N., 147°05'31"W.), 38 feet (11.6 m) above the water, is shown from a skeleton tower ... (LL/04)	28/04	
Page 146—Paragraph 394, lines 1 to 3; read: <b>Shoup Bay</b> , at the northwest end of Port Valdez, is fed by an inflow of water from <b>Shoup Glacier</b> . The entrance is crossed by a sand bar that reaches a depth of about 15 feet in a narrow channel at the center. The bay occasionally has ... (CL 714/04)	28/04	
Page 186—Paragraph 845, line 1 to Paragraph 846, line 2; read: Alaska Railroad cargo dock, with a mooring dolphin and catwalk at the seaward end of the dock, adjoins the breakwater. Freight operations can accommodate truck and railroad transport. Alaska Railroad passenger dock and terminal is 400 feet W of the cargo dock. A coal loading terminal dock, about 100 yards W of the passenger dock, extends 1700 feet from shore. The ... (CL 528/01; BP 173789; Internet/03)	28/04	
Page 211—Paragraph 1176, lines 1 to 8; read: <b>Pioneer Dock</b> : on the N side of Coal Point; U-shaped structure with two trestles, extends 445 feet offshore; outer face, 469 feet, and mooring dolphins provides for ships up to 750 feet, 40 feet reported alongside, deck height 32 feet; NW face, used for mooring a Coast Guard cutter; Alaska Marine Highway Ferry Terminal; receipt and shipment of petroleum products, fueling vessels, containerized cargo; pipelines extend from the wharf to 6 ... (CL 269/04; CL 798/04)	28/04	
Page 214—Paragraph 1177, lines 1 to 5; read: <b>Caution</b> : A tidal current eddy sets Vessels E at this dock (parallel to the face) on both flood and ebb, but more so on the ebb. (CL 269/04; CL 798/04)	28/04	
Page 231—Paragraph 1392, line 5; read: <b>Knik Arm Shoal</b> , with a least depth of 18 feet and marked by a seasonal ... (BP 182437)	28/04	
Page 231—Paragraph 1392, line 13; read: eastward of Point MacKenzie Light 7. (LL/04)	28/04	

Canada—Time Zones		
Location	Standard Time	Daylight Savings Time
Atlantic Zone—East coast of Baffin Island	QUEBEC (+4)	Not observed.
Eastern Zone—Nunavet E of longitude 85°W (except Southampton Islands and the islands adjacent to Southampton Island), eastern Ontario, western Quebec, and Anticosti W of longitude 63°W	ROMEO (+5)	QUEBEC (+4) Observed from the first Sunday in April until the Saturday before the last Sunday in October.
Eastern Zone—Nunavet (Southampton Islands and the islands adjacent to Southampton Island) and western Ontario	ROMEO (+5)	Not observed.
Central Zone—Manitoba and Nunavet between longitude 85°W and longitude 102°W (except Southampton Island, the islands adjacent to Southampton Island, and all areas lying within the Kitikmeot Region)	SIERRA (+6)	ROMEO (+5) Observed from the first Sunday in April until the Saturday before the last Sunday in October.
Mountain Zone—Northwest Territories, Nunavet W of longitude 102°W, and all areas lying within the Kitikmeot Region	TANGO (+7)	SIERRA (+6) Observed from the first Sunday in April until the Saturday before the last Sunday in October.
Pacific Zone—Yukon Territory	UNIFORM (+8)	TANGO (+7) Observed from the first Sunday in April until the Saturday before the last Sunday in October.

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*14037	- Buoy 3	41 39 30 N 70 03 38 W				Green can.	28/04
36875	- LIGHT 4					Remove from list.	*
							28/04

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
168	<i>NOAA Data Lighted Buoy 44009 (ODAS)</i>	38 27 54 N 74 42 18 W	<b>Fl (4) Y 20s</b>			Yellow disc-shape hull.	
			*		*		28/04
550	<i>NOAA Data Lighted Buoy 44014 (ODAS)</i>	36 36 40 N 74 50 11 W	<b>Fl (4) Y 20s</b>	6	Yellow disc-shaped hull.		*
				*			28/04
635	<i>NOAA Data Lighted Buoy 41001 (ODAS)</i>	36 41 00 N 72 39 42 W	<b>Fl (4) Y 20s</b>	6	Yellow boat-shaped hull.		
				*			28/04
<b>St. Peters Creek</b>							
23435	- ENTRANCE LIGHT 1	38 08 29 N 75 49 53 W	<b>Fl G 4s</b>	15	4 SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.	
				*	*		28/04

### HONGA, NANTICOKE, WICOMICO RIVERS AND FISHING BAY (Chart 12261)

#### Fishing Bay

24375	- ENTRANCE LIGHT 2	38 13 34 N 75 59 19 W	<b>Fl R 4s</b>	15	3 TR on pile.		
					*		28/04
24415	- LIGHT 4		<b>Q R</b>	15	3 TR on pile.		
			*	*	*		28/04
24545	- CHANNEL LIGHT 15		<b>Fl G 6s</b>	15	4 SG on pile.		
					*		28/04
28030	- Buoy 14				Red nun.		
		*			*		28/04
29336	- CHANNEL RANGE FRONT PASSING LIGHT		<b>Fl W 2.5s</b>	15	5 On same structure as Beaufort Inlet Channel Range Front Light.	Marks corner of platform nearest channel.	
			*	*			28/04

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
29340	- CHANNEL RANGE REAR LIGHT 1,125 yards, 009.9° from front light.		F W (Day) F G (Night)	55		Skeleton tower on platform.	Visible on range line only. Lighted throughout 24 hours.
	*						28/04
29341	- CHANNEL RANGE REAR PASSING LIGHT		Fl W 2.5s	20	5	On same structure as Beaufort Inlet Channel Range Rear Light.	Marks corner of platform nearest channel.
					*		28/04
29397	FORT MACON REACH RANGE FRONT PASSING LIGHT		Fl W 4s	34	5	On same structure as Fort Macon Reach Range Front Light.	
		*		*	*		28/04
29400	FORT MACON REACH RANGE REAR LIGHT 245 yards, 338.6° from front light.		Iso W 6s	45		On skeleton tower.	Visible on range line only. Lighted throughout 24 hours.
	*						28/04
29403	FORT MACON REACH RANGE REAR PASSING LIGHT		Fl W 4s	15	5	On same structure as Fort Macon Reach Range Rear Light.	Located on East end of platform.
				*	*		*
							28/04

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CAPE CANAVERAL TO BETHEL SHOAL (Chart 11476)</b>							
<b>Canaveral Harbor</b>							
9575	- APPROACH CHANNEL RANGE FRONT LIGHT	28 25 00 N 80 35 06 W	Fl W 2.5s	25		On skeleton tower.	Visible 1.5° each side of rangeline. Lighted throughout 24 hours.
		*			*		*
							28/04
9580	- APPROACH CHANNEL RANGE REAR LIGHT 2,000 yards, 310° from front light.		Iso W 6s	82		On skeleton tower.	Visible 1.5° each side of range line. Lighted throughout 24 hours.
					*		*
							28/04

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*812.5	Ridgelake-103-1 Lighted Buoy Marks subsea installation.	28 18 30 N 91 26 38 W	Q W	10		White with orange bands.	SIGN: RIDGELAKE-EI-303. Private aid.

28/04

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*895	Gryphon-104-2 Lighted Buoy Marks subsea installation.	28 16 13 N 93 29 45 W	Q W	10		White with orange bands.	SIGN: GRYPHON-WC-567. Private aid.
							28/04
3195	- Lighted Buoy 3	30 06 53 N 85 44 27 W	Fl G 2.5s	4		Green.	
							28/04
3200	- Lighted Buoy 4	30 06 49 N 85 44 24 W	Fl R 2.5s	4		Red.	
							28/04
*3312	- DANGER LIGHT	30 07 49 N 85 36 56 W	Fl W 2.5s			NW on power line structure worded: DANGER OVERHEAD POWER LINE.	Private aid.
							28/04
*3312.1	- DANGER LIGHTS (2)	30 07 45 N 85 36 59 W	Fl W 2.5s			NW on power line structure worded: DANGER OVERHEAD POWER LINE.	Private aid.
							28/04
*3312.2	- DANGER LIGHTS (2)	30 07 39 N 85 37 07 W	Fl W 2.5s			NW on power line structure worded: DANGER OVERHEAD POWER LINE.	Private aid.
							28/04
*3312.3	- DANGER LIGHT	30 07 34 N 85 37 14 W	Fl W 2.5s			NW on power line structure worded: DANGER OVERHEAD POWER LINE.	Private aid.
							28/04
14585	WHITE CASTLE RANGE FRONT LIGHT RDB mile 192.7.	30 10 30 N 91 08 12 W	F W			KRW on skeleton tower on piles.	Visible 10° each side of rangeline.
							*
							28/04
14590	WHITE CASTLE RANGE REAR LIGHT 164 yards, 224° from front light.		F W			KRW on skeleton tower on piles.	Visible 14° each side of rangeline.
							*
							28/04
*29712	- DANGER LIGHT	30 07 49 N 85 36 56 W	Fl W 2.5s			NW on power line structure worded: DANGER OVERHEAD POWER LINE.	Private aid.
							28/04
*29712.1	- DANGER LIGHTS (2)	30 07 45 N 85 36 59 W	Fl W 2.5s			NW on power line structure worded: DANGER OVERHEAD POWER LINE.	Private aid.
							28/04
*29712.2	- DANGER LIGHTS (2)	30 07 39 N 85 37 07 W	Fl W 2.5s			NW on power line structure worded: DANGER OVERHEAD POWER LINE.	Private aid.
							28/04

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*29712.3	- DANGER LIGHT	30 07 34 N 85 37 14 W	Fl W 2.5s			NW on power line structure worded: DANGER OVERHEAD POWER LINE.	Private aid.

28/04

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
185	Anacapa Island Light	34 00 56 N 119 21 34 W	Fl (2) W 60s 0.3s fl 14.7s ec. 0.3s fl 44.7s ec.	277	20 55	White cylindrical tower.	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 15s (2s bl). Operates continuously.
		*					28/04
685 9875	Nehalem River Approach Whistle Buoy NR	45 39 17 N 123 57 32 W		5	Red and white stripes.		
		*					28/04
725 15535	Grays Harbor Approach Lighted Whistle Buoy GH	46 51 55 N 124 14 26 W	Mo (A) W	6	Red and white stripes.	RACON: G (---•). No topmark will be shown on this aid as required by IALA standards due to weather.	
		*					28/04
750	Umatilla Reef Lighted Whistle Buoy 2UR	48 11 16 N 124 49 17 W	Fl R 2.5s	4	Red.		
		*					28/04
995	LOWRIE ISLAND LIGHT	54 51 37 N 133 32 07 W	Fl W 6s	52	9	NR on skeleton tower.	
		*					28/04
8655	- Entrance Buoy 1	42 24 46 N 124 26 42 W			Green can.		
		*					28/04

### COQUILLE RIVER ENTRANCE (Chart 18588)

#### Coquille River

8675 600	- Entrance Lighted Whistle Buoy 2	43 08 08 N 124 27 51 W	Fl R 4s	5	Red.		
		*					28/04
8775	- Channel Lighted Bell Buoy 5	43 21 15 N 124 20 05 W	Q G	3	Green.		
		*					28/04
8825	- Channel Lighted Buoy 8	43 21 42 N 124 19 03 W	Fl R 6s	4	Red.		
		*					28/04

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8830	- Channel Lighted Buoy 10	43 21 54 N 124 18 52 W	Fl R 4s		4	Red.	
		*					28/04
8835	- Channel Lighted Buoy 11	43 22 38 N 124 18 03 W	Fl G 4s		4	Green.	
		*					28/04
8840	- Channel Lighted Buoy 12	43 22 58 N 124 17 28 W	Q R		3	Red.	
		*					28/04
8890	- Channel Lighted Buoy 15	43 23 58 N 124 16 58 W	Fl G 6s		4	Green.	
		*					28/04
8905	- Channel Lighted Buoy 16	43 24 02 N 124 16 45 W	Fl R 4s		4	Red.	
		*					28/04
8935	- Channel Lighted Buoy 18	43 24 46 N 124 16 34 W	Q R		3	Red.	
		*					28/04
*9287	Winchester Bay West Basin Regulatory Buoy A	43 40 58 N 124 11 03 W	Fl W 4s		White can.	Private aid. Maintained from Jun 01 to Sep 30.	
							28/04
*9289	Winchester Bay West Basin Regulatory Buoy B	43 40 56 N 124 10 58 W	Fl W 4s		White can.	Private aid. Maintained from Jun 01 to Sep 30.	
							28/04
*9297	Winchester Bay East Basin Regulatory Buoy A	43 41 02 N 124 10 46 W	Fl W 4s		White can.	Private aid. Maintained from Jun 01 to Sep 30.	
							28/04
*9299	Winchester Bay East Basin Regulatory Buoy B	43 41 01 N 124 10 46 W	Fl W 4s		White can.	Private aid. Maintained from Jun 01 to Sep 30.	
							28/04
9590	- Entrance Lighted Gong Buoy 1	44 36 14 N 124 06 03 W	Fl G 2.5s		4	Green.	
		*					28/04
9644	- Channel Lighted Buoy 9A	44 37 35 N 124 03 15 W	Fl G 2.5s		3	Green.	
		*					28/04
9645	- Channel Lighted Buoy 9	44 37 40 N 124 02 56 W	Fl G 4s		5	Green.	
		*					28/04

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
 Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>NEHALEM RIVER (Chart 18556)</b>							
<b>Nehalem River</b>							
9875 685	- Approach Whistle Buoy NR	45 39 17 N 123 57 32 W		5	Red and white stripes.		
		*					28/04
10120	- Range Lighted Buoy 40	46 11 53 N Q R 123 48 47 W		4	Red.		
		*					28/04
10165	Tongue Point Channel Lighted Buoy 47 30 yards outside channel limit.	46 13 40 N Q G 123 44 14 W		4	Green.		
		*		*			28/04
10250	Elliot Point Lighted Buoy 13	46 15 33 N Fl G 4s 123 37 03 W		4	Green.		
		*					28/04
<b>Pillar Rock</b>							
10255	- Lower Range Lighted Buoy 14	46 15 24 N Fl R 4s 123 37 08 W		4	Red.		
		*					28/04
10285	- Upper Range Lighted Buoy 18	46 15 21 N Fl R 4s 123 33 51 W		4	Red.		
		*					28/04
10305	Jim Crow Lighted Buoy 22	46 15 34 N Fl R 2.5s 123 32 15 W		4	Red.		
		*					28/04
10315	- Channel Lighted Buoy 26	46 16 01 N Fl R 2.5s 123 30 41 W		4	Red.		
		*					28/04
10800	Slaughters Channel Lighted Buoy 23	46 07 30 N Fl G 2.5s 122 59 27 W		4	Green.		
		*					28/04
*14247	Danger Shoal Buoy A	47 47 53 N 118 02 55 W			White with orange bands and orange diamond worded "DANGER SHOAL"		
							28/04
*14248	Danger Shoal Buoy B	47 47 43 N 118 02 55 W			White with orange bands and orange diamond worded "DANGER SHOAL"		
							28/04
*14432	- Buoy 6A	46 16 27 N 124 01 51 W			Red nun.	Ra ref.	
							28/04

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15535 725	- Approach Lighted Whistle Buoy GH	46 51 55 N 124 14 26 W	Mo (A) W		6	Red and white stripes.	RACON: G (-). No topmark will be shown on this aid as required by IALA standards due to weather.
		*					28/04
15550	- Entrance Lighted Whistle Buoy 2	46 52 43 N 124 12 40 W	Fl R 4s		4	Red.	
		*					28/04
15565	- Entrance Lighted Gong Buoy 5	46 54 50 N 124 12 35 W	Fl G 4s		4	Green.	
		*					28/04
19370	LOPEZ PASS LIGHT 2	48 28 52 N 122 49 06 W	Fl R 4s	21	4	TR on house.	
		*					28/04
22158	COAST GUARD STATION LIGHT	55 19 49 N 131 37 25 W	Fl W 4s	4		NR on skeleton tower.	
		*					28/04
*23305.95	- Daybeacon 14	56 38 11 N 133 41 09 W				TR on pile.	
							28/04
24210	South Indian Pass Rock Lighted Bell Buoy 6	58 13 53 N 136 15 28 W	Fl R 4s	4	Red.		
		*					28/04
24295	- LIGHT 2	58 04 14 N 136 25 59 W	Fl R 4s	55	4	TR on small house.	Obscured from 316° to 147°.
		*					28/04
25270	OTSTOIA CHANNEL LIGHT 2	57 33 35 N 135 26 53 W	Fl R 4s	18	3	NR on pile.	
		*					28/04
25285	BROAD ISLAND LIGHT	57 35 09 N 135 23 37 W	Q W	14	6	NR on skeleton tower.	Obscured from 152° to 297°.
		*					28/04
25385	- Daybeacon 5	57 59 11 N 136 22 36 W				SG on spindle.	
		*					28/04
27852	- Buoy 8	59 46 51 N 162 19 21 W				Red nun.	
		*					28/04
27853	- Buoy 10	59 48 56 N 162 15 55 W				Red nun.	
		*					28/04

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
28615	- Lighted Buoy 3		Fl G 4s	5	Green.		

\* \* 28/04

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1130	- LIGHT 150 (C)	44 31 48 N 75 45 18 W	Fl R 4s	28 9		White cylindrical tower with red top. 12	Seasonal.
		*					28/04
12607	ST. IGNACE COAST GUARD SLIP LIGHT	45 51 18 N 84 42 06 W	Fl W 6s	16 5	3	NW on dolphin.	
				*			28/04
17535	- Lighted Buoy 27		Fl G 4s	3	Green.		
				*			28/04
*19002	- Buoy 3B	43 03 59 N 86 14 09 W			Green can.		
							28/04

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## SECTION II

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1760 -Ermita de Santa Ana. D 1470		43° 19.5' N 1° 55.2' W	Oc.R. period 4s lt. 3s, ec. 1s	112 34	7	Bracket on masonry hut.	
		*	*				28/04
1780 -Muelle Avanzado de Ancho, D 1476	NE. corner.					Remove from list.	
						*	28/04
1784 -NW. corner. D 1476.2						Remove from list.	
						*	28/04
*17889 -W. entrance, E. side. E 5076.35		46° 19.9' N 30° 39.5' E	L.FIG. period 6s		2		
							28/04
25064 -Bonny. D 3940		4° 24.2' N 7° 08.2' E	Fl.(2)W. period 20s fl. 0.3s, ec. 4.7s fl. 0.3s, ec. 14.7s	130 40	17	Gray skeleton framework tower.	Visible 214°-180°. F.R. lights on radio mast 2.4 miles NE.
-RACON			B(-••)				
		*	*				28/04

### CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6564 -Nordneset. L 0999		62° 59.6' N 7° 08.5' E	Oc.W.R.G. period 6s	52 16	W. 6 R. 4 G. 4	Small hut; 10.	R. 043°30'-091°30', W.-105°30', G.-139°30', W.-176°, R.-207°30', W.-217°, G.-237°30'.
							*
							28/04
6636 Legrimen. L 1021		63° 04.2' N 7° 29.6' E	Oc.(2)W.R.G.	16 5	W. 4 R. 3 G. 3	Column. Floodlit.	G. 081°30'-108°48', W.-117°24', R.-201°06', W.-211°30', G.-218°12', R.-291°24', G.-301°24', R.-335°48'.
						*	*
							28/04
*6637 -Reksundet. L 1021.3		63° 04.1' N 7° 29.7' E	Q.G.				
6700 On mole, S. side of Sorsund. L 1038		63° 06.0' N 7° 44.0' E	Oc.W.R.G. period 6s	10 3	W. 8 R. 7 G. 6	White lantern on concrete base.	G. 049°-059°, W.-065°30', R.-075°30', W.-092°, G.-227°, W.-238°30'. F.W., F.R. and F.G. lights shown on Sorsund Bridge NE.
						*	*
							28/04
*15249 -Dolphin. L 6366.2		68° 58.7' N 33° 02.9' E	Iso.R. period 2s		2		
							28/04

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4800 C 1977.1	-Rear, 955 meters 208°06' from front.	55° 42.7' N 12° 35.3' E	Iso.R. period 4s	39 12	11	Mast.	Intensified 205°30'-210°30'.
*	*	*			*	*	28/04

4844 C 2003.1	--S. end, rear, about 90 meters 194°06' from front.	55° 41.0' N 12° 36.0' E	Iso.R. period 4s	29 9	2	Pole; 23.	Visible 178°-208°.
*							28/04

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## SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1760 -Ermita de Santa Ana. D 1470		43° 19.5' N 1° 55.2' W	Oc.R. period 4s lt. 3s, ec. 1s	112 34	7	Bracket on masonry hut.	
		*	*				28/04
1780 -Muelle Avanzado de Ancho, D 1476	NE. corner.					Remove from list.	
						*	28/04
1784 -NW. corner. D 1476.2						Remove from list.	
						*	28/04
*17889 -W. entrance, E. side. E 5076.35		46° 19.9' N 30° 39.5' E	L.FIG. period 6s		2		
							28/04
25064 -Bonny. D 3940		4° 24.2' N 7° 08.2' E	Fl.(2)W. period 20s fl. 0.3s, ec. 4.7s fl. 0.3s, ec. 14.7s	130 40	17	Gray skeleton framework tower.	Visible 214°-180°. F.R. lights on radio mast 2.4 miles NE.
-RACON			B(-••)				
		*	*				28/04
CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6564 -Nordneset. L 0999		62° 59.6' N 7° 08.5' E	Oc.W.R.G. period 6s	52 16	W. 6 R. 4 G. 4	Small hut; 10.	R. 043°30'-091°30', W.-105°30', G.-139°30', W.-176°, R.-207°30', W.-217°, G.-237°30'.
							*
							28/04
6636 Legrimen. L 1021		63° 04.2' N 7° 29.6' E	Oc.(2)W.R.G.	16 5	W. 4 R. 3 G. 3	Column. Floodlit.	G. 081°30'-108°48', W.-117°24', R.-201°06', W.-211°30', G.-218°12', R.-291°24', G.-301°24', R.-335°48'.
						*	*
						*	28/04
*6637 -Reksundet. L 1021.3		63° 04.1' N 7° 29.7' E	Q.G.				
6700 On mole, S. side of Sorsund. L 1038		63° 06.0' N 7° 44.0' E	Oc.W.R.G. period 6s	10 3	W. 8 R. 7 G. 6	White lantern on concrete base.	G. 049°-059°, W.-065°30', R.-075°30', W.-092°, G.-227°, W.-238°30'. F.W., F.R. and F.G. lights shown on Sorsund Bridge NE.
						*	*
						*	28/04
*15249 -Dolphin. L 6366.2		68° 58.7' N 33° 02.9' E	Iso.R. period 2s		2		
							28/04

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## SECTION II

### CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4800 C 1977.1	-Rear, 955 meters 208°06' from front.	55° 42.7' N 12° 35.3' E	Iso.R. period 4s	39 12	11	Mast.	Intensified 205°30'-210°30'.
*	*	*			*	*	28/04

4844 C 2003.1	--S. end, rear, about 90 meters 194°06' from front.	55° 41.0' N 12° 36.0' E	Iso.R. period 4s	29 9	2	Pole; 23.	Visible 178°-208°.
*							28/04

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

## SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 28/04

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	
<b>NGA HYDRO CATALOG CATP2V01U</b>									
Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,50,51,52,03;1,2, 3,5,6,8,9,10,11,12, 13,14,15,16,17,18, 19,20,21,22,23,24, 25,26,28/04		CDPUBSD174 CDPUBSD191 CDPUBSD192 CDPUBSD193 CDPUBSD194 SDPUB120	2004 2003 2003 2004 2004 2001	26/04* 52/03* 32*,36,38,39,40,41, 42,43/03 27/04* 28/04*	USCG LIGHT LIST VOLUMES I - VII		
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34,44,48,52/03;2, 3,5,7,10,11,14,15, 20,22,24,25/04	SDPUB123	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23,29,30,31,41, 42,44,45,52/03;5,9, 12,14,15/04	COMDTM165021	2004	22*,23,24,25,27, 28/04	
Region 3	2002	1/03*,19,23,24, 28/04	SDPUB126	2002	39*,41,42,43,44,45, 48/02;24,26,27,28, 30,32,41/03;12,16, 23,24,25/04	COMDTM165022	2004	23*,24,25,26,27, 28/04	
Region 4	2002	1*,23,43/03	SDPUB141	2001	21*,38/01	COMDTM165023	2004	23*,24,25,26,27, 28/04	
Region 5	2002	1*,3,5,8,22,27,30, 33,38,48/03;1,9,10, 14,20/04	SDPUB147	2001	35/01*/21,22,23, 24/02/39,40,41,46, 50/03;10,12,15, 19/04	COMDTM165024	2004	23*,24,25,26,27, 28/04	
Region 6	2002	1*,10,11,13,16,19, 20,21,25,28,30,33, 38,50/03;11/04	SDPUB148	2001	48/01*,23,24/02;22, 42,43,45,48,50, 52/03;5,13,14,22/04	COMDTM165025	2004	22/04*	
Region 7	2002	1*,11,15,28/03	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41,42,47/03; 10,12,13,16,19,20, 28/04	COMDTM165026	2004	22*,23,24,25,26,27, 28/04	
Region 8	2002	1*,14,37,41,46, 52/03	SDPUB155	2001	31*,48/01;10,45, 46/02	COMDTM165027	2004	22*,23,24,25,26, 28/04	
Region 9	2002	1*,34,40,43,45,48, 50,51,52/03;1,7,11, 14,15,21/04	SDPUB159	2002	42*,48/02;10,13, 15/04	<b>FLEET GUIDES</b>			
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25,27,28, 29,30,31,32,33,34, 36,37,38,39,41,42, 43,45,46,47,48,49, 51,52/03;1,4,5,6,7,9, 10,11,13,14,16,17, 18,19,20,21,22,23, 24,25,26,27,28/04	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03;10,14/04	CDPUBFGPAC	2004	N17/04*	
			SDPUB162	2001	51/01*,5,12/03; 12/04	FGPUB940ATL	2001	N47/01*	
			SDPUB163	2002	18*,20,21,26,46, 51/02;13,24,26,27, 28,29,30,31,39,40, 41,43,47,48/03;12, 16,23,24/04	<b>NOS MISCELLANEOUS PUBLICATIONS</b>			
						NOSPBCATALOG2	2000	34/00*	
						NOSPBCATALOG3	2000	28/00*	
						NOSPBCATALOG4	2000	34/00*	
						NOSPBCATALOGA	2003	19/04*	
						NOSPBCATALOGG	2003	19/04*	
						<b>ALMANACS</b>			
						AIRALMANAC401	2004	29/03*	
						NAUTALMANAC04	2004	29/03*	
						<b>COAST PILOT</b>			
						NOSPBCP1	34	18*,21,24,04	
						NOSPBCP2	33	5*,6,9,20,25,26, 27/04	
						NOSPBCP3	37	14*,18,21,25,28/04	
						NOSPBCP4	35	34*,36,39,42,44,46, 47,51/03;6,7,8,9,11, 12,19,20,21,24,26, 27,28/04	
						NOSPBCP5	31	51*,52/03;1,7,8,9, 10,12,13,15,17, 18/04	
						NOSPBCP6	34	13*,18,19,25,26, 27/04	
						NOSPBCP7	36	18*,19,20,21,23,24, 27/04	
						NOSPBCP8	25	32*,33,34,39,42,48, 51/03;1,7,8,10,17, 18,20,21,22,23/04	
						NOSPBCP9	21	30*,32,33,36,39,42, 48,51/03;8,18,19,20, 23,25,26,28/04	
						<b>RADIO NAVIGATIONAL AIDS</b>			
						RAPUB117	2002	50/02*;13/03	
						<b>AMERICAN PRACTICAL NAVIGATOR</b>			
						NVPUB9	2002	36/02*;14,38/03	
						<b>INTERNATIONAL CODE OF SIGNALS</b>			
						CDPUBNV102	2003	20/03*	
						<b>WORLD PORT INDEX</b>			
						NVPUB150	2000	50/00*;14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03	
						<b>DISTANCES BETWEEN PORTS</b>			
						NVPUB151	2001	4/02*	
						<b>RADAR NAVIGATION AND MANEUVERING BOARD MANUAL</b>			
						CDPUBNV1310	2001	51/01*	
						<b>SIGHT REDUCTION TABLES (MARINE)</b>			
						SRPUB229V1	1970	11/71*	

## SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 28/04**

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
<b>SIGHT REDUCTION TABLES (AIR)</b>				
SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
<b>CHART NO. 1</b>				
WOBZC1	1997	18/98*		
<b>CHART NO. 4</b>				
WOBZC4	1988	N23/91*		
<b>ATLAS OF PILOT CHARTS</b>				
NVPUB106	2002	42/03*		
NVPUB107	1998	30/99*		
NVPUB109	2001	49/02*		
<b>USCG NAVIGATION RULES</b>				
COMDTM166722D	1999	44/99*;52/00;16/04		
<b>NOS TIDE TABLES</b>				
NOSPBTTCWPACIN4	2004	N1/04*		
NOSPBTTECSTNSA4	2004	N1/04*		
NOSPBTTEURAFR4	2004	N1/04*		
NOSPBTWCSTNSA4	2004	N1/04*		
<b>TIDAL CURRENT TABLES</b>				
NOSPBTCTATCSTN4	2004	N1/04*		
NOSPBTCTPACAS4	2004	N1/04*		

## SECTION III

NM 28/04

### BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

#### NAVAREA IV

Messages in force 241100Z June 2004:

2003 series	2004 series	184(11)	200(11)	211(11,26)	218(11)
108(26,27)	128(26)	190(11)	205(11,26)	213(GEN)	219(GEN)
387(GEN)	182(38)	198(11)	207(24,25,26)	214(GEN)	

The summary of all NAVAREA IV messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

#### NAVAREA IV WARNINGS issued from 171100Z to 241100Z June 2004.

203/04 and 204/04. CANCELED.

205/04(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
  - A. 0400Z TO 0359Z COMMENCING DAILY  
21 THRU 28 JUN IN AREA BOUND BY  
30-45N 080-54W, 30-45N 080-11W,  
30-36N 080-11W, 30-33N 080-55W.
  - B. 0400Z TO 0359Z COMMENCING DAILY  
21 THRU 28 JUN IN AREA BETWEEN  
29-20N 29-10N AND 079-40W 079-50W.
  - C. 1200Z TO 0359Z COMMENCING DAILY  
22 THRU 24 JUN IN AREA BETWEEN  
30-00N 29-50N AND 081-00W 080-50W.
2. CANCEL THIS MSG 290459Z JUN.

(181332Z JUN 2004)

206/04. CANCELED.

207/04(24,25,26). NORTH ATLANTIC.

1. OCEANOGRAPHIC OPERATIONS 24 JUN THRU 06 AUG BY  
M/V METEOR IN AREA BETWEEN  
01-00S 17-00N AND 040-00W 061-00W.
2. CANCEL THIS MSG 07 AUG.

(200210Z JUN 2004)

208/04 thru 210/04. CANCELED.

211/04(11,26). GEORGIA.

SAVANNAH DGPS STATION 32-08N 081-42W OFF AIR UNTIL FURTHER NOTICE.

(211519Z JUN 2004)

212/04. CANCELED.

213/04(GEN). GPS SATELLITE SYSTEM.

1. PRN 07 UNUSABLE 250345Z TO 251545Z JUN.
2. CANCEL THIS MSG 251645Z JUN.

(221210Z JUN 2004)

214/04(GEN). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 232254Z TO 240008Z JUN, ALTERNATE  
242250Z TO 250004Z JUN IN AREAS BOUND BY:
  - A. 28-30N 080-33W, 28-28N 080-27W,  
28-21N 080-12W, 28-04N 079-20W,  
28-00N 079-22W, 28-18N 080-14W,  
28-23N 080-33W, 28-24N 080-36W.
  - B. 28-36N 080-26W, 28-30N 080-09W,  
28-13N 080-15W, 28-19N 080-32W.
  - C. 27-39N 077-24W, 27-17N 076-23W,  
26-48N 076-35W, 27-10N 077-35W.
  - D. 19-01N 058-24W, 15-26N 053-03W,  
13-22N 054-26W, 16-57N 059-48W.
2. CANCEL THIS MSG 250104Z JUN.

(221549Z JUN 2004)

215/04 thru 217/04. CANCELED.

SECTION III

218/04(11). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1000Z TO 2100Z DAILY

24 THRU 26 JUN IN AREA BETWEEN

32-30N 32-40N AND 079-40W 079-50W.

2. CANCEL THIS MSG 262200Z JUN.

(231254Z JUN 2004)

219/04(GEN).

1. NAVAREA IV MESSAGES IN FORCE 230800Z JUN 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.

2004 SERIES: 182(38), 184(11), 190(11), 198(11),

200(11), 205(11,26), 207(24,25,26), 211(11,26),

213(GEN), 214(GEN), 218(11), 219(GEN).

2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/04.

3. CANCEL NAVAREA IV 192/04, 202/04.

(231947Z JUN 2004)

**SECTION III****HYDROLANTS**

Messages in force 241100Z June 2004:

2002 series	2410(54)	801(51,52)	945(54)	1023(52,53)	1051(53)
245(GEN)	2413(54)	805(24)	946(55)	1025(24)	1055(GEN)
246(GEN)	2414(54)	811(55)	952(35)	1028(37)	1057(GEN)
2003 series	2416(54)	843(36)	967(24)	1031(23)	1058(23,24)
604(26,27)	2418(52)	850(24)	968(35)	1033(37)	1060(53)
1242(24)	2419(54)	858(56)	976(38)	1035(37)	1061(35,37)
1422(53)	2420(54)	867(53)	977(35)	1037(36)	1062(55)
1472(35)	2004 series	868(55)	979(51)	1038(37)	1063(54)
1999(23)	224(24)	869(55)	981(57)	1041(56)	1064(GEN)
2203(53)	272(24)	908(51)	997(53)	1042(53)	1065(24)
2297(24)	631(37)	913(37,51)	1003(24)	1043(24,25,26)	
2406(54)	649(55)	918(24)	1006(53)	1045(53)	
2407(54)	650(55)	927(53)	1010(53)	1046(53,56)	
2408(54)	668(56)	939(GEN)	1018(43)	1049(37)	
2409(54)	673(51)	940(43)	1019(24)	1050(52,53)	

The summary of all HYDROLANTS in force as of 11 December 2003 is given in Section III of NM 52/03.  
Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

**HYDROLANT WARNINGS issued from 171100Z to 241100Z June 2004.**

1032/04. CANCELED.

1033/04(37). DOVER STRAIT.

CHART 36005 (2ND ED).

RACON AT VERGOYER NORTH BUOY 50-40N 001-22E INOPERATIVE.

(171720Z JUN 2004)

1034/04. CANCELED.

1035/04(37). DOVER STRAIT.

CHART 37110 (11TH ED).

BASSURELLE BUOY 50-32.N 000-57.7E MISSING.

(172306Z JUN 2004)

1036/04. CANCELED.

1037/04(36). ENGLAND-SOUTHWEST COAST.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE

BY CABLESHIP ILE DE BATZ VICINITY 50-42.5N 005-56.0W.

WIDE BERTH REQUESTED.

(181009Z JUN 2004)

1038/04(37). ENGLISH CHANNEL.

ONE DECEASED BODY RECOVERED IN 49-56.6N 005-01.0W.

VESSELS HAVING TRANSITED THE VICINITY WITHIN

24 HOURS REQUESTED TO ACCOUNT FOR ALL CREW MEMBERS.

REPORTS TO MRCC FALMOUTH.

(181705Z JUN 2004)

1039/04 and 1040/04. CANCELED.

1041/04(56). EASTERN MEDITERRANEAN SEA.

1. SUBMARINE CABLE OPERATIONS IN PROCESS UNTIL  
FURTHER NOTICE BY CABLESHIP RENE DESCARTES  
IN AREA BETWEEN 31-15N 31-34N AND 029-54E 029-58E.  
ONE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1022/04.

(190929Z JUN 2004)

1042/04(53). SICILIA-SOUTH COAST.

1. SUBMARINE OPERATIONS 22 JUN UNTIL FURTHER NOTICE  
BY CABLESHIP PERTINACIA WITH SUBMERSIBLE  
IN AREAS BETWEEN:  
A. 36-05.8N 36-33.8N AND 014-51.5E 015-23.9E.  
B. 35-55.8N 36-33.8N AND 014-30.9E 015-23.9E.  
2000 METER BERTH REQUESTED.
2. CANCEL HYDROLANT 505/04(52,53), AID RESTORED.

(192300Z JUN 2004)

## SECTION III

1043/04(24,25,26). NORTH ATLANTIC.

1. OCEANOGRAPHIC OPERATIONS 24 JUN THRU 06 AUG BY  
M/V METEOR IN AREA BETWEEN  
01-00S 17-00N AND 040-00W 061-00W.
2. CANCEL THIS MSG 07 AUG.

(200220Z JUN 2004)

1044/04. CANCELED.

1045/04(53). MALTA. GUNNERY.

1. GUNNERY EXERCISES 250600Z TO 251400Z JUN  
IN AREA BOUND BY 35-56.0N 014-29.0E,  
36-01.8N 014-41.2E, 36-06.4N 014-23.3E.
2. CANCEL THIS MSG 251500Z JUN.

(202045Z JUN 2004)

1046/04(53,56). STRAIT OF SICILY.

DISTRESS SIGNAL RECEIVED FROM FOUR METER VESSEL,  
20 PERSONS ON BOARD, WITHIN 60 MILES OF 34-16N 014-39E.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO MRCC MALTA,  
PHONE: 0035 621241363 FAX: 0035 6218 09860 OR  
TARABULUS PORT AUTHORITY, PHONE: 0021 8213 0283,  
FAX: 0021 82144 6722.

(202115Z JUN 2004)

1047/04 and 1048/04. CANCELED.

1049/04(37). ENGLISH CHANNEL.

UNDERWATER OPERATIONS IN PROGRESS  
UNTIL FURTHER NOTICE BY CABLESHIP  
DISCOVERY VICINITY 49-42N 005-10W.  
WIDE BERTH REQUESTED.

(211750Z JUN 2004)

1050/04(52,53). EASTERN MEDITERRANEAN SEA.

1. DERELICT NINE METER VESSEL ADRIFT IN  
34-50N 012-02E. REPORTS TO ANY COASTAL  
RADIO STATION.
2. CANCEL THIS MSG 28 JUN.

(211826Z JUN 2004)

1051/04(53). SICILY-EAST COAST.

CABLE OPERATIONS 22 JUN UNTIL FURTHER  
NOTICE BY CABLESHIP PERTINICIA ALONG  
TRACKLINES BETWEEN:  
A. 36-05.8N 014-51.5E AND 36-33.8N 015-23.9E.  
B. 35-55.7N 014-30.9E AND 36-33.8N 015-23.9E.  
C. 37-24.3N 015-12.1E AND 37-25.1N 015-09.3E.  
2000 METER BERTH REQUESTED.

(212014Z JUN 2004)

1052/04 thru 1054/04. CANCELED.

1055/04(GEN). GPS SATELLITE SYSTEM.

1. PRN 07 UNUSABLE 250345Z TO 251545Z JUN.
2. CANCEL THIS MSG 251645Z JUN.

(221220Z JUN 2004)

1056/04. CANCELED.

1057/04(GEN). STRAIT OF ISTANBUL.

1. DUE TO THE NATO SUMMIT TO BE HELD IN ISTANBUL,  
THE TRAFFIC OF COMMERCIAL VESSELS AT THE TURKISH  
STRAITS ON 27 THRU 29 JUN IS REGULATED  
AS FOLLOWS:  
A. TRAFFIC WILL BE SUSPENDED FOR ALL VESSELS  
CARRYING DANGEROUS CARGO (OIL TANKERS,  
LPG TANKERS OR SHIPS CARRYING SIMILAR DANGEROUS CARGO).  
B. PASSENGER SHIPS WILL CONTINUE TO PASS THROUGH THE  
STRAITS AT ALL TIMES DURING THE SUMMIT.  
C. VESSELS OTHER THAN THOSE MENTIONED ABOVE WILL CONTINUE  
TO PASS THROUGH THE STRAITS AS BEFORE, BUT THEIR TRAFFIC  
MAY BE SUSPENDED DUE TO SECURITY REQUIREMENTS IN THE  
STRAIT OF ISTANBUL DURING THE SUMMIT.
2. CANCEL THIS MSG 30 JUN.

(221836Z JUN 2004)

### SECTION III

NM 28/04

1058/04(23.24). SOUTH ATLANTIC.

1. MAN OVERBOARD FROM F/V RIO SOLIS VICINITY  
36-12.9S 053-21.2W. VESSELS IN VICINITY REQUESTED TO  
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO  
ANY COASTAL RADIO STATION.
2. CANCEL HYDROLANT 1056/04.

(222014Z JUN 2004)

1059/04. CANCELED.

1060/04(53). ITALY-SOUTH COAST.

1. SURVEY OPERATIONS 23 THRU 26 JUN BY  
M/V MAGNAGHI IN AREA BOUND BY  
37-55.0N 015-49.5E, 37-35.7N 015-49.5E,  
37-35.7N 016-32.2E, 38-23.5N 016-32.2E.  
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 27 JUN.

(222347Z JUN 2004)

1061/04(35.37). ENGLAND-EAST COAST.

CHART 37180 (20TH ED).

1. DGPS STATION AT FLAMBOROUGH HEAD LIGHT 54-07N 000-05W  
UNRELIABLE 0830Z TO 1700Z DAILY 23 AND 24 JUN.
2. CANCEL THIS MSG 241800Z JUN.

(230218Z JUN 2004)

1062/04(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 0900Z TO 2000Z DAILY  
26 JUN THRU 04 JUL IN AREA BOUND BY  
44-23.0N 028-42.5E, 44-27.0N 029-01.0E,  
44-20.0N 029-01.5E, 44-13.0N 028-56.5E.
2. CANCEL THIS MSG 042100Z JUL.

(230913Z JUN 2004)

1063/04(54). ITALY-EAST COAST. GUNNERY.

1. GUNNERY EXERCISES 240700Z TO 241300Z JUN  
IN AREA BOUND BY 41-21.2N 016-13.1E,  
41-23.8N 016-13.6E, 41-23.2N 016-15.7E,  
41-21.2N 016-16.9E, 41-20.1N 016-13.3E.
2. CANCEL THIS MSG 241400Z JUN.

(231013Z JUN 2004)

1064/04(GEN).

1. HYDROLANT MESSAGES IN FORCE 230800Z JUN 2004, ONLY THOSE  
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2004 SERIES: 811(55), 843(36), 850(24), 858(56), 867(53),  
868(55), 869(55), 908(51), 913(37,51), 918(24), 927(53),  
939(GEN), 940(43), 945(54), 946(55), 952(35), 967(24), 968(35),  
976(38), 977(35), 979(51), 981(57), 997(53), 1003(24), 1006(53),  
1010(53), 1012(24), 1018(43), 1019(24), 1023(52,53), 1025(24),  
1028(37), 1031(23), 1033(37), 1035(37), 1037(36), 1038(37),  
1041(56), 1042(53), 1043(24,25,26), 1045(53), 1046(53,56), 1049(37),  
1050(52,53), 1051(53), 1055(GEN), 1057(GEN), 1058(23,24),  
1060(53), 1061(35,37), 1062(55), 1063(54), 1064(GEN).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 11 DEC 2003  
IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE  
SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/04.
3. CANCEL HYDROLANT 1029/04.

(231951Z JUN 2004)

1065/04(24). BRAZIL-EAST COAST.

CHART 24220 (14TH ED).

1. MACEIO LIGHT 09-39.4S 035-43.6W UNRELIABLE.
2. CANCEL HYDROLANT 1012/04.

(240514Z JUN 2004)

## SECTION III

NM 28/04

### NAVAREA XII

Messages in force 241100Z June 2004:

2003 series	2004 series	186(17)	189(GEN)
262(GEN)	177(19)	188(18)	190(GEN)

The summary of all NAVAREA XII messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

### NAVAREA XII WARNINGS issued from 171100Z to 241100Z June 2004.

188/04(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:
  - A. 34-02N 119-04W. M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
  - B. 33-52N 119-06W. TO THE SHORELINE.
  - C. 33-29N 119-07W. N. 34-24N 120-30W.
  - D. 33-29N 118-37W. O. 34-08N 120-26W.
  - E. 33-20N 118-37W. P. 34-08N 119-40W.
  - F. 32-11N 120-16W. Q. 34-00N 119-40W.
  - G. 31-54N 121-35W. R. 34-06N 119-13W.
  - H. 35-09N 123-39W. S. 34-06N 119-11W.
  - I. 35-29N 123-00W. T. 34-07N 119-10W.
  - J. 35-04N 122-43W. U. 34-07N 119-07W.
  - K. 35-57N 121-32W. V. 34-04N 119-04W.
  - L. 34-59N 120-42W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 184/04.

(171445Z JUN 2004)

189/04(18). GPS SATELLITE SYSTEM.

1. PRN 07 UNUSABLE 250345Z TO 251545Z JUN.
2. CANCEL THIS MSG 251645Z JUN.

(221215Z JUN 2004)

190/04(18).

1. NAVAREA XII MESSAGES IN FORCE 230800Z JUN 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2004 SERIES: 177(19), 186(17), 188(18), 189(18), 190(18).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/04.
3. CANCEL NAVAREA XII 187/04.

(231953Z JUN 2004)

## SECTION III

### HYDROPACS

Messages in force 241100Z June 2004:

2001 series	329(71)	843(61)	914(95)	977(74)	1025(74)
1976(62)	402(62)	848(81)	915(95)	981(74)	1026(63)
2002 series	455(73)	851(63)	919(63)	982(22)	1028(63)
205(GEN)	460(94)	852(81)	922(94,95)	987(81)	1029(63)
206(GEN)	572(83)	853(81)	926(75)	988(63)	1030(63)
2330(62)	593(61)	880(22)	931(62)	989(83)	1032(83)
2003 series	694(62)	883(93)	932(22)	996(94,95)	1033(62)
207(62)	701(94,97)	884(81)	939(63)	997(81)	1034(GEN)
506(62)	727(22)	889(61,63)	940(62)	1000(63)	1035(97)
993(62)	754(62)	890(71)	941(81)	1004(93)	1036(81)
998(71)	763(62)	891(71)	942(81)	1005(94,95)	1038(97)
1041(71)	776(29)	896(73)	943(62)	1006(63)	1039(63)
1330(62)	778(75)	898(94,95)	948(96)	1011(62)	1040(97)
1395(62)	779(97)	899(62)	959(22)	1012(81)	1042(GEN)
1699(63)	795(62)	903(81,97)	960(22)	1013(63)	1043(63)
1911(62)	800(61)	904(63)	963(63)	1014(63)	1044(61)
1982(GEN)	801(61)	909(61)	965(63)	1015(63)	
2265(62)	817(74)	910(22)	967(74)	1017(97)	
2004 series	830(63)	911(63)	972(97)	1018(96)	
23(62)	840(63)	912(94,95)	973(63)	1021(71)	
278(63)	842(61)	913(95)	976(62,63)	1024(73,81)	

The summary of all HYDROPACS in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

#### HYDROPAC WARNINGS issued from 171100Z to 241100Z June 2004.

1004/04(93). SOUTH CHINA SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 31 AUG  
BY M/V GECO EMERALD TOWING EIGHT  
3.5 MILE LONG CABLES IN AREA BETWEEN  
05-39N 05-57N AND 104-43E 105-26E.
2. CANCEL THIS MSG 01 SEP.

(170933Z JUN 2004)

1005/04(94,95). YELLOW SEA. GUNNERY.

1. GUNNERY EXERCISES 220030Z TO 220900Z JUN, ALTERNATE  
0030Z TO 0900Z DAILY 23 THRU 25 JUN IN AREA BOUND BY  
36-40.6N 126-10.4E, 36-38.2N 125-59.9E,  
35-01.3N 125-42.8E, 34-58.4N 126-03.1E,  
36-34.2N 126-17.9E.
2. CANCEL THIS MSG 251000Z JUN.

(171357Z JUN 2004)

1006/04(63). INDIA-EAST COAST.

1. KRISHNAPATNAM DGPS STATION 14-15.2N 080-07.7E  
OFF AIR 20 THRU 30 JUN.
2. CANCEL THIS MSG 01 JUL.

(171424Z JUN 2004)

1007/04 thru 1010/04. CANCELED.

1011/04(62). PERSIAN GULF.

1. AS ANNOUNCED IN MARLO ADVISORY BULLETIN  
06/04 (DATED 30 APR), COALITION  
MARITIME SECURITY FORCES ARE COMMITTED  
TO THE PROTECTION OF IRAQ'S OFFSHORE AL  
BASRA AND KHAWR AL'AMAYA OIL TERMINALS.  
THIS COMMITMENT WILL CONTINUE FOR THE  
FORESEEABLE FUTURE TO INCLUDE THE  
TIMEFRAME AFTER THE TRANSITION FROM THE  
COALITION PROVISIONAL AUTHORITY OF IRAQ  
TO THE GOVERNMENT OF IRAQ ON 30 JUN.  
MARITIME SECURITY ZONES ESTABLISHED  
AROUND BOTH FACILITIES ARE BEING  
AGGRESSIVELY PROTECTED BY PATROLLING  
AIR AND SEA FORCES AS WELL AS PERSONNEL  
DEPLOYED TO THE TERMINALS.
2. BASED ON INPUT FROM OIL INDUSTRY  
EXPERTS, AND OUR OWN ANALYSIS OF THE  
THREAT, WE HAVE IDENTIFIED A CURRENT  
INDUSTRY PROCEDURE WHICH MAKES

## SECTION III

TANKSHIPS MORE VULNERABLE TO SECURITY THREATS. AS HAS BEEN COMMON PRACTICE FOR MANY YEARS, SOME TANKSHIPS PREPARING FOR LIFT OPERATIONS CHOOSE TO WAIT AT THE TERMINAL'S DEEP-WATER ANCHORAGE.

3. COALITION MARITIME FORCES CANNOT PROVIDE THE SAME LEVEL OF SECURITY AT THE ANCHORAGE AS AT THE TERMINALS. GIVEN THE SUICIDE BOAT CAPABILITY DEMONSTRATED IN THE 24 APR TERRORIST ATTACK ON THE TERMINALS, AND THE OBVIOUS ECONOMIC TARGET PRESENTED BY IDLE OIL TANKSHIPS ASSEMBLED IN A CONTAINED AREA, TANKSHIP OWNERS AND OPERATORS ARE STRONGLY ENCOURAGED TO DISCONTINUE USE OF THE DEEP WATER ANCHORAGE.
4. WE ARE AWARE OF THE ADDITIONAL LOGISTICAL BURDEN INHERENT IN SUSPENSION OF ANCHORAGE OPERATIONS. HOWEVER, SOME OPERATORS ON THEIR OWN INITIATIVE ARE ALREADY DOING SO VIA DIRECT COORDINATION WITH IRAQ'S STATE OIL MARKETING ORGANIZATION (SOMO) AS WELL AS WITH THE TERMINAL MANAGERS. WITH CAREFUL PLANNING AND COORDINATION, TANKSHIPS ARE ARRIVING AT THE TERMINALS AT THEIR SCHEDULED BERTHING AVAILABILITY.
5. WE REQUEST YOUR PATIENCE AND COOPERATION IN THIS ISSUE. ANY FEEDBACK AND SUGGESTIONS ARE WELCOME AS WE WORK TOGETHER TOWARD A HEALTHY AND SECURE IRAQI TRADE ENVIRONMENT.

(171850Z JUN 2004)

1012/04(81). NORTH PACIFIC. MISSILES.

1. HAZARDOUS OPERATIONS 0701Z TO 1501Z DAILY 23 THRU 25 JUN IN AREA BOUND BY:  
09-17N 167-23E, 09-23N 167-33E, 09-31N 167-29E,  
09-40N 167-45E, 09-51N 167-56E, 10-02N 168-08E,  
10-27N 168-47E, 09-59N 168-57E, 09-43N 169-04E,  
09-33N 169-03E, 09-10N 168-19E, 09-04N 167-56E,  
08-54N 167-37E, 08-59N 167-33E.
2. CANCEL THIS MSG 251601Z JUN.

(180002Z JUN 2004)

1013/04(63). INDIA-WEST COAST.

MAN OVERBOARD FROM M/V EL GRECO VICINITY 07-54N 073-52E.  
VESSELS IN VICINITY REQUESTED TO  
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO MRCC KOCHI, INMARSAT-C: 4419 07310.

(181021Z JUN 2004)

1014/04(63). INDIA-WEST COAST.

CHART 63110 (4TH ED).  
ODAS BUOY 15-24.4N 073-44.8E MISSING.

(181400Z JUN 2004)

1015/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 22 AND 25 JUN IN AREA BOUND BY  
09-57.6N 075-59.5E, 09-57.7N 076-14.2E,  
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 251630Z JUN.

(181425Z JUN 2004)

1016/04. CANCELED.

1017/04(97). NORTH PACIFIC. GUNNERY. ORDNANCE.

1. HAZARDOUS OPERATIONS 2000Z TO 1200Z COMMENCING DAILY 22 JUN THRU 01 JUL IN AREAS BOUND BY:  
A. 24-45.7N 141-20.1E, 24-45.2N 141-20.3E,  
24-44.5N 141-18.3E, 24-45.1N 141-18.0E.  
B. 24-46.8N 141-16.7E, 24-46.7N 141-17.4E,  
24-45.0N 141-16.9E, 24-45.2N 141-16.3E.  
C. 24-49.7N 141-19.8E, 24-49.1N 141-21.0E,  
24-48.5N 141-20.6E, 24-49.1N 141-19.7E,  
24-48.6N 141-18.2E, 24-49.1N 141-17.9E.
2. CANCEL THIS MSG 021300Z JUL.

(182030Z JUN 2004)

### SECTION III

NM 28/04

- 1018/04(96). SEA OF OKHOTSK. GUNNERY. MISSILES.  
1. HAZARDOUS OPERATIONS 0200Z TO 0600Z  
DAILY 23 THRU 25 JUN IN AREA BOUND BY  
52-30.0N 159-44.5E, 52-45.0N 159-44.5E,  
52-45.0N 160-07.0E, 52-30.0N 160-07.0E.  
2. CANCEL THIS MSG 250700Z JUN.

(182110Z JUN 2004)

1019/04 and 1020/04. CANCELED.

1021/04(71). SOUTH CHINA SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 08 AUG BY  
M/V GECO EAGLE TOWING EIGHT FOUR MILE LONG  
CABLES IN AREA BETWEEN 03-50N 04-08N AND  
112-24E 111-43E.  
2. CANCEL THIS MSG 09 AUG.

(201130Z JUN 2004)

1022/04 and 1023/04. CANCELED.

1024/04(73,81). NORTH PACIFIC. NEW GUINEA.

- CHART 73032 (4TH ED).  
ODAS BUOY ESTABLISHED IN 00-02.0N 137-52.9E.

(211435Z JUN 2004)

1025/04(74). AUSTRALIA-NORTHEAST COAST.

- LIGHT, FL W 5 SEC THREE MILES, ESTABLISHED IN 13-26.2S 143-58.2E.

(211442Z JUN 2004)

1026/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY  
23 AND 24 JUN WITHIN 75 MILES OF  
08-31.9N 076-52.1E.  
2. CANCEL THIS MSG 241700Z JUN.

(211524Z JUN 2004)

1027/04. CANCELED.

1028/04(63). INDIA-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 30 JUN  
BY M/V C-EXPLORER TOWING 6000 METER LONG CABLE  
IN AREA BOUND BY  
18-12.4N 084-20.0E, 19-03.6N 085-33.5E,  
18-37.8N 086-37.7E, 17-23.2N 086-36.2E,  
16-28.5N 085-04.9E, 16-28.2N 084-23.8E.  
FIVE MILE BERTH REQUESTED.  
2. CANCEL THIS MSG 01 JUL.

(211700Z JUN 2004)

1029/04(63). PERSIAN GULF. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS  
230300Z TO 261900Z JUN WITHIN 1.1 MILES  
OF 27-03.5N 049-50.6E.  
2. CANCEL THIS MSG 262000Z JUN.

(211759Z JUN 2004)

1030/04(63). PERSIAN GULF.

1. ELECTROMAGNETIC OPERATIONS 261730Z JUN  
IN 27-11N 050-46E. DURING THIS TIME  
RADAR OPERATIONS MAY BE AFFECTED.  
2. CANCEL THIS MSG 261830Z JUN.

(211818Z JUN 2004)

1031/04. CANCELED.

1032/04(83). FIJI ISLANDS.

- CHART 83590 (1ST ED).  
LIGHTS UNLIT:  
1. MBATIKI ISLAND LIGHT 17-46S 179-08E.  
2. THAKAU MOMO LIGHT 17-39S 179-16E.  
3. CAPE WASHINGTON LIGHT 19-07S 177-58E.  
4. NORTH ASTROLLOBE REEF LIGHT 18-38S 178-32E.  
5. WELANGILALA LIGHT 16-45S 179-06W UNLIT AND  
RACON INOPERATIVE.

(220540Z JUN 2004)

## SECTION III

1033/04(62). PERSIAN GULF.

1. ALL SHIPPERS TRANSPORTING CARGO TO IRAQI PORTS ARE REMINDED THAT HYDROFAC 205/2002 AND 206/2002 REMAIN IN EFFECT. THESE REGULATIONS WILL REMAIN IN FORCE FOR THE FORESEEABLE FUTURE AND UNTIL FURTHER NOTICE, INCLUDING TO AND BEYOND 30 JUNE 2004 AND TRANSITION OF CONTROL TO THE IRAQI GOVERNMENT.
2. OUR BOARDING TEAMS HAVE NOTED A RECENT INCREASE IN THE NUMBER OF SHIPS NOT CONFORMING WITH THE HYDROFAC REGULATIONS, PARTICULARLY THOSE REQUIRING UNHINDERED ACCESS TO CARGO FOR AT-SEA INSPECTION PURPOSES. THIS TREND HAS BEEN ESPECIALLY NOTICEABLE AMONG ROLL-ON/ROLL-OFF CARGO SHIPS TRANSPORTING USED VEHICLES.
3. IN ACCORDANCE WITH UNITED NATIONS SECURITY COUNCIL RESOLUTION 1546, AT THE REQUEST OF THE INCOMING INTERIM GOVERNMENT OF IRAQ, THE MULTINATIONAL FORCE SHALL HAVE THE AUTHORITY TO TAKE ALL NECESSARY MEASURES TO CONTRIBUTE TO THE MAINTENANCE OF SECURITY AND STABILITY IN IRAQ. ACCORDINGLY, SHIPPERS ARE FURTHER REMINDED THAT VESSELS NOT IN CONFORMANCE WILL BE DENIED ENTRY TO IRAQI WATERS OR PORTS UNTIL CARGO HAS BEEN STOWED IN ACCORDANCE WITH HYDROFAC REGULATIONS.

(221102Z JUN 2004)

1034/04(GEN). GPS SATELLITE SYSTEM.

1. PRN 07 UNUSABLE 250345Z TO 251545Z JUN.
2. CANCEL THIS MSG 251645Z JUN.

(221223Z JUN 2004)

1035/04(97). NORTH PACIFIC.

CHART 97000 (3RD ED).  
DISCOLORED WATER VICINITY 24-17N 141-29E AT 210240Z JUN.

(221538Z JUN 2004)

1036/04(81). NORTH PACIFIC.

CHART 81001 (1ST ED).  
ODAS BUOY ESTABLISHED IN 04-51.6N 137-15.6E.

(221914Z JUN 2004)

1037/04. CANCELED.

1038/04(97). NORTH PACIFIC.

1. DERELICT 65 FOOT F/V SHINCHINGCHONG 181  
ADRIFT AND ON FIRE IN  
26-33.2N 154-39.0E AT 221943Z JUN.
2. CANCEL HYDROFAC 1037/04
3. CANCEL THIS MSG 29 JUN.

(222005Z JUN 2004)

1039/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 250330Z TO 250730Z JUN  
WITHIN 13 MILES OF 21-39.0N 069-33.9E.
2. CANCEL THIS MSG 250830Z JUN.

(222130Z JUN 2004)

1040/04(97). NORTH PACIFIC.

MAN OVERBOARD FROM M/V HO CHENG NO 12  
VICINITY 26-25N 153-55E AT 212330Z JUN.  
VESSELS IN VICINITY REQUESTED TO KEEP  
A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO JAPAN COAST GUARD.

(230038Z JUN 2004)

1041/04. CANCELED.

1042/04(GEN).

1. HYDROFAC MESSAGES IN FORCE 230800Z JUN 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2004 SERIES: 840(63), 842(61), 843(61), 848(81),  
851(63), 852(81), 853(81), 880(22), 883(93), 884(81), 889(61,63),  
890(71), 891(71), 896(73), 898(94,95), 899(62), 903(81,97),  
904(63), 909(61), 910(22), 911(63), 912(94,95), 913(95), 914(95),  
915(95), 919(63), 922(94,95), 926(75), 931(62), 932(22), 939(63),  
940(62), 941(81), 942(81), 943(62), 948(96), 959(22), 960(22),  
963(63), 965(63), 967(74), 972(97), 973(63), 976(62,63), 977(74),

### **SECTION III**

**NM 28/04**

981(74), 982(22), 987(81), 988(63), 989(83), 994(62,63),  
996(94,95), 997(81), 1000(63), 1004(93), 1005(94,95),  
1006(63), 1011(62), 1012(81), 1013(63), 1014(63), 1015(63),  
1017(97), 1018(96), 1021(71), 1024(73,81), 1025(74), 1026(63),  
1027(63), 1028(63), 1029(63), 1030(63), 1032(83), 1033(62),  
1034(GEN), 1035(97), 1036(81), 1038(97), 1039(63), 1040(97),  
1042(GEN).

2. THE SUMMARY OF ALL HYDROPOAC MESSAGES IN FORCE AS OF 11 DEC 2003  
IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE  
SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/04.

3. CANCEL HYDROPOAC 403/02, 837/04, 1001/04.

(231958Z JUN 2004)

1043/04(63). INDIA-EAST COAST.

CHART 63260 (5TH ED).

1. DGPS STATION AT NAGAPPATTINAM LIGHT  
10-45.8N 079-50.9E OFF AIR 260030Z TO  
261230Z JUN.

2. CANCEL THIS MSG 261330Z JUN.

(232004Z JUN 2004)

1044/04(61). MAURITIUS.

CHART 61591 (4TH ED).

FLAT ISLAND LIGHT 19-52.7S 057-39.0E UNLIT.

(232043Z JUN 2004)

### **MARAD ADVISORIES**

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)), by referring to Section I (paragraph 50) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 24 June 2004: 00-7, 01-7, 02-2, 02-5, 02-7 and 03-4.

### **SPECIAL WARNINGS**

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003.

SPECIAL WARNINGS in force 24 June 2004: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

## MARINE INFORMATION

## NEW EDITION OF SAILING DIRECTIONS

Pub. 194, Sailing Directions (Enroute) Baltic Sea (Southern Part), Tenth Edition, 2004, is ready for issue. This publication has been corrected to 24 April 2004, including Notice to Mariners No. 17 of 2004.

This edition is produced by NGA in digital format only, available on CD-ROM and/or electronic access through the World Wide Web.

Digital Nautical publications will be updated using a binary executable called "Publication Data Update (PDU)". PDU's are cumulative or sequential, ensuring customers will not miss any changes, and may be accessed on the Maritime Safety Information Division website (<http://pollux.nss.nga.mil>).

## NEW EDITION OF SUMMARY OF CORRECTIONS

Summary of Corrections for the Eastern Pacific, Antarctica, Indian Ocean and Australasia (Subregions 16 thru 19, 21, 22 and 29, Regions 6 and 7), Volume 3, 2004 Edition, is ready for issue. This publication has been corrected to 10 April 2004, including Notice to Mariners No. 15 of 2004.

This edition is produced by NGA in digital format only, available on CD-ROM and includes the digital chart correction graphics in their full original color.

## NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:

- the Charts-on-Demand chart distributed by OceanGrafix ([www.OceanGrafix.com](http://www.OceanGrafix.com)), and
- the traditional NOAA/NOS paper chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Charts-on-Demand chart is available the day after NOAA clears a New Edition for release. The traditional chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. For questions, contact NOAA at [help@nauticalcharts.gov](mailto:help@nauticalcharts.gov) or call 301-713-1773 x105. Dates of Latest Edition for both charts are listed at <http://nauticalcharts.noaa.gov>.

This week's new editions released by NOAA are listed below.

513	7 <sup>th</sup> Ed. Jun 2004 NEW EDITION NORTH PACIFIC OCEAN-BERING SEA-SOUTHERN PART (New edition due to change in format.)	NAD 83	(NOS Silver Spring, MD) 1:3,500,000
11304	13 <sup>th</sup> Ed. Jun 2004 NEW EDITION TX-NORTHERN PART OF LAGUNA MADRE (New edition due to numerous Notice to Mariner changes and change in format.)	NAD 83	(NOS Silver Spring, MD) 1:80,000/LORAN-C
11432	14 <sup>th</sup> Ed. May 2004 NEW EDITION FL-EVERGLADES NATIONAL PARK-SHARK RIVER TO LOSTMANS RIVER (New edition due to various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:50,000
11469	6 <sup>th</sup> Ed. Jun 2004 NEW EDITION FL-STRAITS OF FLORIDA-FOWEY ROCKS, HILLSBORO INLET TO BIMINI ISLANDS, BAHAMAS (New edition due to changes in hydrography and numerous Notice to Mariner changes.)	NAD 83	(NOS Silver Spring, MD) 1:100,000
11511	17 <sup>th</sup> Ed. Jun 2004 NEW EDITION GA-OSSABAW AND ST CATHERINE SOUNDS (New edition due to changes in hydrography and various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:40,000
11523	22 <sup>nd</sup> Ed. Jun 2004 NEW EDITION SC-CHARLESTON HARBOR ENTRANCE (New edition due to various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:20,000

SECTION III

- 12200 48<sup>th</sup> Ed. Jun 2004 NEW EDITION NAD 83 (NOS Silver Spring, MD)  
CAPE MAY TO CAPE HATTERAS 1: 419,706  
(New edition due to changes in hydrography and numerous Notice to Mariner changes.)
- 17408 8<sup>th</sup> Ed. Jun 2004 NEW EDITION NAD 83 (NOS Silver Spring, MD)  
AK-SOUTHEAST COAST-CENTRAL DALL ISLAND AND VICINITY 1:40,000  
(New edition due to change in format.)

## MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

**Observer:** name(s) of person(s) making observation and rank, rate or title.

**Ship/Organization:** name of vessel or organization.

**Address:** complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

**Date of Observation:** day, month and year at which the observation was made.

**Time of Observation:** local time at which the observation was made.

**Latitude/Longitude:** exact position of the observation expressed as accurately as possible.

**Datum:** horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

**Navigation System:** method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

**Verified by Navigator:** indicate whether observation was verified by navigator.

**Product(s) Affected:** product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

**Edition:** edition number and/or year of affected product.

**Latest correction applied:** the latest Notice to Mariners to which your copy of affected product has been corrected.

**Sounding sensor or method used:** equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

**Soundings corrected for draft:** indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

**Details of Information Reported:** use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

**User Feedback:** use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

## **MARINE INFORMATION REPORT AND SUGGESTION SHEET**

Observer \_\_\_\_\_ Ship/Organization \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

Email address \_\_\_\_\_

Date of Observation \_\_\_\_\_ Time of Observation (Local) \_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Product(s) Affected \_\_\_\_\_ Edition \_\_\_\_\_

Latest correction applied: N.M. \_\_\_\_\_

Sounding sensor or method used \_\_\_\_\_ Sounding(s) corrected for draft: Yes \_\_\_\_\_ No \_\_\_\_\_

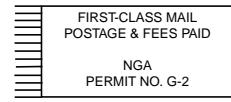
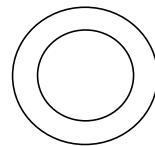
Details of Information Reported (continue on additional sheets as necessary) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

User Feedback (continue on additional sheets as necessary)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**MARITIME SAFETY INFORMATION DIVISION  
ST D44  
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**

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## **ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET**

Observer \_\_\_\_\_

**Ship/Organization** \_\_\_\_\_

Phone \_\_\_\_\_ Email Address\_\_\_\_\_

Describe Hazard (e.g. dredge, buoy, current meter, operations): \_\_\_\_\_

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Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): \_\_\_\_\_

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Digitized by srujanika@gmail.com

If observed, Date \_\_\_\_\_ Time (Local) \_\_\_\_\_

Verified by Navigator: Yes No

Bounding(s) corrected for draft: Yes \_\_\_\_\_ No \_\_\_\_\_

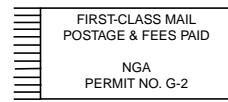
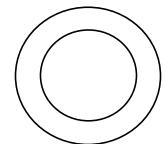
Details of Information Reported (continue on additional sheets as necessary). \_\_\_\_\_

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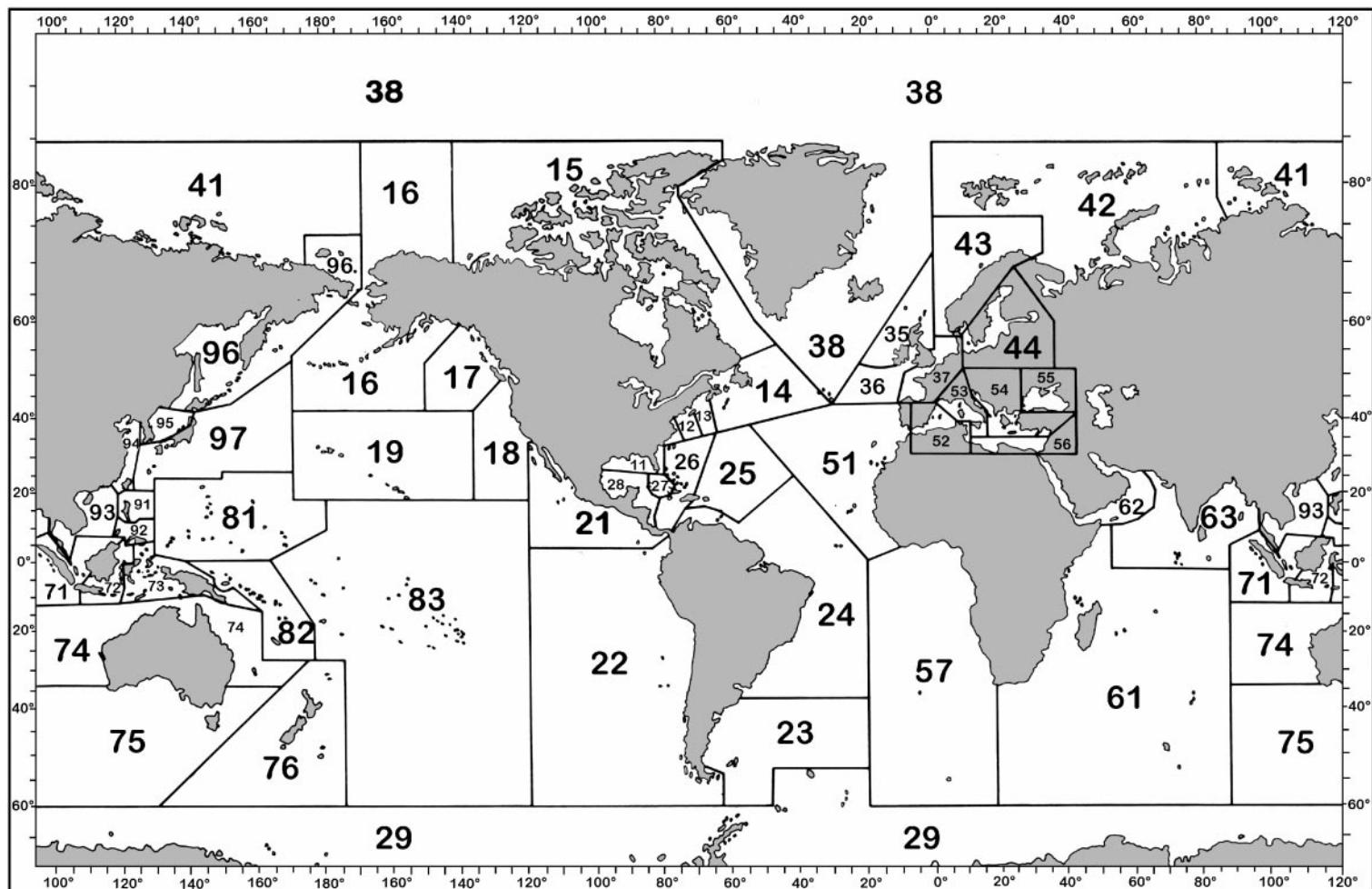
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**MARITIME SAFETY INFORMATION DIVISION  
ST D44  
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**

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## GEOGRAPHIC LOCATOR



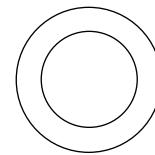
For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

ATTN: JNAH  
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RICHMOND, VIRGINIA 23297-5338

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# **IMPORTANT NAVIGATIONAL INFORMATION TIME—DATED**



**NOTICE TO  
MARINERS**

**PLEASE EXPEDITE DELIVERY**